

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT		1. CONTRACT ID CODE		PAGE OF PA 1 10	
2. AMENDMENT/MODIFICATION NO. NS58-04		3. EFFECTIVE DATE SEE BLOCK 16		4. REQUISITION/PURCHASE REQ. NO. N00039-04-MR-52B04.	
5. PROJECT NO. (If applicable)		6. ISSUED BY CODE N00039		7. ADMINISTERED BY (If other than Item 6) CODE S2203A	
COMMANDER, SPACE AND NAVAL WARFARE SYSTEMS COMMAND 4301 PACIFIC HIGHWAY SAN DIEGO CA 92110-3127 David C. Ryan III/02-4/858-537-0314/ david.ryan@navy.mil		DCMA BOSTON - GD 77 A ST. NEEDHAM, MA 02194-2892			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State, and ZIP Code)		9A. AMENDMENT OF SOLICITATION NO.		9B. DATED (SEE ITEM 11)	
GD 77 A ST. NEEDHAM, MA 02194-2892					
CODE 2D423		FACILITY CODE		10A. MODIFICATION OF CONTRACT/ORDER NO. N68939-97-D-0041/NS58	
				10B. DATED (SEE ITEM 13) 26 FEB 04	
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					

☐ The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offers ☐ is extended, ☐ is not extended.

Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended, by one of the following methods:

(a) By completing Items 8 and 15, and returning _____ copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter of telegram which includes a reference to the solicitation and a number. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this a you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.

12. ACCOUNTING AND APPROPRIATION DATA (If required)

See attached Financial Accounting Data Sheet

(✓)	A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A. (Specify authority)
	B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET F
X	C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO BY MUTUAL AGREEMENT OF THE PARTIES
	D. OTHER

E. IMPORTANT: Contractor X is not is required to sign this document and return 1 copies to the Issuing office.

14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)

The purpose of this modification is to incorporate new Items 0011 through 0025, for upgrade support and material for ITOCs at t Sigonella, La Maddalena, Souda Bay, Guam, and Sasebo sites. These items are incorporated on a not-to-exceed basis, pending the definitization of price.

15B. CONTRACT OFFEROR <i>Peter Bertocci</i> (Signature of person authorized to sign)		15C. DATE SIGNED 4-27-04		16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or Print) David C. Ryan III, Contracting Officer	
15D. UNITED STATES OF AMERICA		16B. DATE SIGNED 4/28/04			

1. Section B, Supplies/Services and Prices/Costs is modified as follows:

(a) Add the following new items:

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
0011	CLIN 0700 – Customized Product Solution – BLII FY 04 Server Farm and Information Assurance Upgrade Systems Integration Support- Sigonella ITOC	1	LOT	\$ 20,000.00	\$ 20,000.00*
0012	CLIN 0700 – Customized Product Solution- Server Farm Hardware Upgrades – Sigonella ITOC	1	LOT	\$679,286.60	\$679,286.60*
0013	CLIN 0700 – Customized Product Solution- Server Farm and Information Assurance Software Upgrades – Sigonella ITOC	1	LOT	\$823,161.08	\$823,161.08*
0014	CLIN 0700 – Customized Product Solution- BLII FY 04 Server Farm and Information Assurance Upgrade Systems Integration Support- La Maddalena ITOC	1	LOT	\$ 20,000.00	\$ 20,000.00*
0015	CLIN 0700 – Customized Product Solution- Server Farm Hardware Upgrades – Sigonella ITOC	1	LOT	\$477,324.49	\$477,324.49*
0016	CLIN 0700 – Customized Product Solution- Server Farm and Information Assurance Software Upgrades – La Maddalena ITOC	1	LOT	\$197,278.40	\$197,278.40*
0017	CLIN 0700 – Customized Product Solution – BLII FY 04 Server Farm and Information Assurance Upgrade Systems Integration Support- Souda Bay ITOC	1	LOT	\$ 20,000.00	\$ 20,000.00*
0018	CLIN 0700 – Customized Product Solution- Server Farm Hardware Upgrades – Souda Bay ITOC	1	LOT	\$382,751.04	\$382,751.04*
0019	CLIN 0700 – Customized Product Solution- Server Farm and Information Assurance Software Upgrades – Souda Bay ITOC	1	LOT	\$196,610.22	\$196,610.22*
0020	CLIN 0700 – Customized Product Solution- Assurance Upgrade Systems Integration Support- Guam ITOC	1	LOT	\$ 20,000.00	\$ 20,000.00*
0021	CLIN 0700 – Customized Product Solution- Server Farm Hardware Upgrades – Guam ITOC	1	LOT	\$474,095.45	\$474,095.45*
0022	CLIN 0700 – Customized Product Solution- Server Farm and Information Assurance Software Upgrades – Guam ITOC	1	LOT	\$677,102.57	\$677,102.57*

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>UNIT</u>	<u>UNIT PRICE</u>	<u>AMOUNT</u>
0023	CLIN 0700 – Customized Product Solution – BLII FY 04 Server Farm and Information Assurance Upgrade Systems Integration Support- Sasebo ITOC	1	LOT	\$ 20,000.00	\$ 20,000.00*
0024	CLIN 0700 – Customized Product Solution- Server Farm Hardware Upgrades – Sasebo ITOC	1	LOT	\$425,831.31	\$425,831.31*
0025	CLIN 0700 – Customized Product Solution- Server Farm and Information Assurance Software Upgrades – Sasebo ITOC	1	LOT	\$421,399.05	\$421,399.05*

* NOT-TO-EXCEED amount

(b) The Section B price table, as well as the VIVID ACT Fee summary table shall be updated to reflect the total amount of order and “1% ACT Fee Discount”, respectively, upon definitization of this modification.

(c) Modify ITEM 0006, Contract Data Deliverables, to include Items 0007-0009 and 0011-0025 prices as NSP.

2. Under SECTION C – DESCRIPTION/SPECIFICATIONS/WORK STATEMENT, the Item 0007, 0008, and 0009 paragraphs are amended, to include new Items 0011-0025, as follows:

Items 0007, 0011, 0014, 0017, 0020, 0023 - The Contractor shall provide system integration services in support of SF and IA FY 04 program upgrade installations scheduled for the Naples, Italy Information Technology Service Center (ITSC) (Item 0007), and Information Technology Outreach Centers (ITOCs) at the Signoella (Item 0011), La Maddalena (Item 0014), Souda Bay (0017), Guam (Item 0020), and Sasebo (0023) sites. The program includes both NIPRET and SIPRNET SF and IA configurations. Services shall be performed in accordance with the Task Requirements Notice (TRN), Attachment “A” to this order.

Items 0008, 0012, 0015, 0018, 0021, 0024 – The Contractor shall provide server farm upgrade equipment to meet both NIPRNET and SIPRNET configuration requirements at the Naples ITSC, and ITOCs at the Sigonella, La Maddalena, Souda Bay, Guam, and Sasebo sites. Equipment shall be acquired, bar-coded, and inventoried in the program configuration database. Equipment shall be procured in accordance with the requirements displayed in site hardware upgrade lists set forth in Attachments incorporated under Section J of the order, as displayed below:

<u>Item No.</u>	<u>Hardware Upgrade List Attachment</u>	<u>Site</u>
0008	I	Naples
0012	K	Sigonella
0015	M	La Maddalena
0018	O	Souda Bay
0021	Q	Guam
0024	S	Sasebo

Each item of equipment shall be provided with a four (4) year warranty service, which commences upon acceptance of the equipment by the Government.

Items 0009, 0013, 0016, 0019, 0022, 0025 – SF and IA software upgrades, to meet both NIPRNET and SIPRNET configuration requirements at the Naples ITSC, and ITOCs at the Sigonella, La Maddalena, Souda Bay, Guam, and Sasebo sites shall be acquired, in accordance with the requirements set forth in the respective Attachments incorporated under Section J of the order, as displayed below:

<u>Item No.</u>	<u>Software Upgrade List Attachment</u>	<u>Site</u>
0009	J	Naples
0013	L	Sigonella
0016	N	La Maddalena
0019	P	Souda Bay
0022	R	Guam
0025	T	Sasebo

3. Under SECTION E – INSPECTION AND ACCEPTANCE, the following revisions are made:

(a) Subparagraph (b) is redesignated as “(b)(1)”. Subparagraph “(b)” is now changed to a header “Designated Inspection and Acceptance (I&A) Representatives:”

(b) Add the following I&A representatives under subparagraph “(b)(2)” as follows:

Sigonella location

LT Pat Sutton
email: suttonp@ncts.sicily.navy.mil
DSN(314)624-2833

Bahrain

LCDR Murry Carter
email: murry.carter@me.navy.mil

La Maddalena location

Mr. Mike Hackman,
email: hackmanm@lamadd.navy.mil
DSN(314)623-8384

Souda Bay location

Mr. CC Cunningham,
email: cunninghamc@nsa.souda.navy.mil
DSN(314)266-1330

Guam location

Steve Hargett
COMNAVMARIANAS
N6 IT DEPARTMENT
PSC 455, BOX 152
FPO AP 96540-1000
Telephone: 339-2064
Email: n6@guam.navy.mil

Sasebo location

Moe Wear
CFAS CSD
BLDG 200
PSC 476, COX 66
FPO AP, 96322-0066
Telephone: 252-2699
Email: c69c@cfas.navy.mil

(d) Subparagraph (c) is deleted and replaced with the following:

“Acceptance of Items 0001, 0007, 0011, 0014, 0017, 0020, and 0023 shall be based upon the successful performance of a Final Area SOVT and the approval of the final red-lined As-Build Base Design Plan (BDP) Drawing package, for the respective sites, by the designated representative listed in subparagraph (b).”

(e) The subparagraph (d) header is deleted and replaced with the following:

“(d) Material Acceptance Provision – Item 0002, 0008, 0012, 0015, 0018, 0021, 0024”

4. Under SECTION F-DELIVERY, the following revisions are made:

(a) Subparagraph (a) is deleted and replaced with the following:

(a) Period of Performance

<u>ITEM</u>	<u>Period of Performance</u>
Item 0001	Effective date of order through 30 September 2004
Items 0002-0005	Effective date of order through 1 March 2004
Item 0006	Effective date of order through 31 October 2004
Items 0007-0009	Effective date of modification 03 through 21 May 2004
Item 0010	Effective date of modification 03 through 15 April 2004
Items 0011-0013	Effective date of modification 04 through 9 July 2004
Items 0014-0016	Effective date of modification 04 through 25 June 2004
Items 0017-0019	Effective date of modification 04 through 11 June 2004
Items 0020-0022	Effective date of modification 04 through 18 June 2004
Items 0023-0025	Effective date of modification 04 through 2 July 2004

(b) Under paragraph (b), Shipment Destination Addresses, subparagraph (b)(2), add the following site shipment addresses:

Sigonella

NAS SIGONELLA
 COMM 39 095 86 5942 BLDG 452
 STRADA STATALE 417 CATANIA-GELA
 SIGONELLA SICILY

MARK FOR: EODMU-8, DSN 624-1111
 POC: SK1 Smith, NIIN: 01-234-5678
 REQ/TCN: V12345-9999-9999XXX

La Maddalena

Commanding Officer
U.S. Naval Support Activity
Via Principe Amedeo 3
07024 La Maddalena
SS, Italy

Souda Bay

US Naval Support Activity
Souda Bay
ATTN: BLII (CC Cunningham - Tel 0030-8210-2-1376)
Mouzouras
Hania, Crete, Greece 73100

Guam

COMNAVMAR
N6-ADP
Sumay Dr. Bld. 3190
Santa Rita, Guam 96915
U.S.A.

Sasebo

Fleet Activities Sasebo
DDYJ-Receiving Office
Building 138
0 Tategami-cho, Sasebo City, Japan
8570063
Mark for GD Site Manager: Nathan DuCray

Bahrain (Line Item 0004)

Navy Information Technology Service Center (ITSC)
1 Juffair Ave/Juffair
NSA Bahrain GSK BANZ WHSE
Kingdom of Bahrain

Attn: LCDR Murry Carter

5. Under SECTION H-SPECIAL PROVISIONS, the following revisions are made:

(a) Special Payment Provision, delete the entire paragraph and replace with the following:

Special Payment Provision

Payments are authorized based on the following schedule:

100% of hardware and software Item(s) 0002-0005, 0008-0010, 0012, 0013, 0015, 0016, 0018, 0019, 0021, 0022, 0024, and 0025 amounts, upon Government receipt and acceptance of shipments at the respective sites

95% of Items 0001, 0007, 0011, 0014, 0017, 0020, and 0023 amounts at completion of the respective site Final area System Operational Verification and Tests (SOVT)

5% of Item 0001, 0007, 0011, 0014, 0017, 0020, and 0023 amounts upon final acceptance by the Government of the respective site Final As-built drawings

(b) Add the following new clauses, applicable to Items 0011-0025:

52.216-24 Limitation of Government Liability (Apr 1984)

(a) In performing Items 0011-0025, the Contractor is not authorized to make expenditures or incur obligations exceeding \$4,854,840.21.

(b) The maximum for which the Government shall be liable if Items 0011-0025 are terminated is \$4,854,840.21.

52.216.25 Contract Definitization of Items 0011-0025

(a) A firm fixed price definitization of Items 0011-0025 is contemplated. The Contractor agrees to begin promptly negotiating with the Contracting Officer the terms of a firm fixed price definitization for said Items that will include:

- (1) all clauses required by the Federal Acquisition Regulations (FAR) on the date of the execution of this modification,
- (2) all clauses required by law on the date of execution of the definitive modification, and
- (3) any other mutually agreeable clauses, terms, and conditions. The Contractor agrees to submit a firm fixed price proposal for Item 0007-0010 requirements.

(b) The schedule for the price definitization of Items 0011-0025 is as follows:

Submission of price proposal	05 May 2004
Commencement of negotiations	21 May 2004
Definitization	1 June 2004

- (c) If agreement of a definitive order modification to supercede this not-to-exceed authorization for Items 0011-0025 is not reached by the target date in paragraph (b) of this section, or within any extension of it granted by the Contracting Officer, the Contracting Officer may, with the approval of the head of the contracting activity, determine a reasonable price or fee in accordance with Subpart 15.4 and Part 31 of the FAR, subject to Contractor appeal as provided in the Disputes clause. In any event the Contractor shall proceed with completion of the contract, subject only to the Limitation of Government Liability clause.

(1) After the Contracting Officer's determination of price or fee, the order modification, which definitizes Items 0011-0025 shall be governed by-

- (i) all clauses required by the FAR on the date of the execution of this modification for either fixed price or cost reimbursement contracts, as determined by the Contracting Officer under this paragraph (c);
- (ii) all clauses required by law as of the date of the Contracting Officer's determination; and
- (iii) any other clauses, terms, and conditions mutually agreed upon.

(2) To the extent consistent with subparagraph (c)(1) of this section, all clauses, terms, and conditions included in this modification shall continue in effect, except those that by their nature apply only to a letter contract.

(c) Under the Government Furnished Equipment (GFE) clause, replace the first sentence with the following:

"The Government shall provide access to all U.S. Government as-is IT infrastructure components, recommended by the contractor for integration into the BLII OCONUS enterprise at the Yokosuka, Naples, Sigonella, La Maddalena, Souda Bay, Guam, and Sasebo sites."

6. Under SECTION J – LIST OF ATTACHMENTS, the following revisions are incorporated:

(a) Attachment "A", Task Requirements Notice (TRN), is superseded by Attachment A, 13 April 2004, Version 3.0, 7 pages, attached hereto.

(b) Add new Items 11-20 as Attachments "K" through "T", respectively as follows:

- 11. Attachment K – Sigonella ITOC FY 04 Hardware Upgrade List, 8 pgs.
- 12. Attachment L – Sigonella ITOC FY 04 Software Upgrade List, 8 pgs.
- 13. Attachment M – La Maddalena ITOC FY 04 Hardware Upgrade List, 11 pgs
- 14. Attachment N – La Maddalena ITOC FY 04 Software Upgrade List, 8 pgs.
- 15. Attachment O – Souda Bay ITOC FY 04 Hardware Upgrade List, 10 pgs
- 16. Attachment P – Souda Bay ITOC FY 04 Software Upgrade List, 8 pgs.
- 17. Attachment Q – Guam ITOC FY 04 Hardware Upgrade List, 8 pgs
- 18. Attachment R – Guam ITOC FY 04 Software Upgrade List, 8 pgs.
- 19. Attachment S – Sasebo ITOC FY 04 Hardware Upgrade List, 7 pgs
- 20. Attachment T – Sasebo ITOC FY 04 Software Upgrade List, 8 pgs.

7. As a result of the above changes, the total amount of order, including Not-to-Exceed Items 0007 through 0025 is increased by \$4,854,840.21 from \$6,243,814.78 to \$11,098,654.99. .

8. Except as provided above, all other terms and conditions of the order remained unchanged and in full force and effect.

TASK REQUIREMENTS NOTICE (TRN)
Base Level Information Infrastructure (BLII)
Outside Continental United States (OCONUS)
Server Farm Upgrades

1.0 INTRODUCTION AND OBJECTIVES

- 1.1 The Program Executive Office – Command, Control, Computers, Communications, Intelligence and Space (PEO C4I & Space) is responsible for implementation of the Base Level Information Infrastructure (BLII) OCONUS regions. BLII OCONUS regions include Europe: United Kingdom, Spain, Greece, and Italy; Far East: Japan, Korea, Singapore, Diego Garcia, and Guam; and the Middle East: Bahrain and United Arab Emirates (UAE). BLII OCONUS will provide a standardized IT infrastructure, centralized IT services and secure end-to-end connectivity to all participating Navy users.
- 1.2 In order to meet Navy BLII objectives in the Far East and Europe Regions for the Yokosuka and Naples Information Technology Service Centers (ITSCs) and the Information Technology Outreach Centers (ITOCs) at Guam, La Maddalena, Souda Bay, Sasebo and Sigonella, a combined government & industry team under the leadership of the Program Manager, PEO C4I & Space shall accomplish server farm upgrades. The team composition includes SPAWARSYSCEN San Diego as the lead and Commander Pacific Fleet (CPF) N67, Commander Naval Forces Europe (CNE) N66 and General Dynamics Network Systems division supporting.
- 1.3 As a result of this task, the contractor shall attain sufficient expertise and training during the Yokosuka and Naples ITSC Server Farm upgrades to complete Information Technology Outreach Center (ITOC) installations in the Far East and Europe regions independently.
- 1.4 The contractor shall accomplish final area SOVTs for all sites in accordance with the plan provided by General Dynamics and complete all work necessary for final site acceptance in accordance with the government provided schedule.

2.0 REFERENCE DOCUMENTATION AND STANDARDS

The following documents, as well as appropriate industry standards, are to be used by the contractor toward the accomplishment of the tasks described herein.

- a. CNO FY04 BLII OCONUS Upgrade Requirements Document dated Jan 04
- b. Base Design Plan (BDP) for Yokosuka and Naples ITSCs and Guam, La Maddalena, Souda Bay, Sasebo and Sigonella ITOCs with Server Farm Upgrades
- c. SPAWAR Shore Installation Process Handbook, version 2.0 dated 12 Jun 03
- d. ANSI/TIA/EIA 606, Administration Standards for the Telecommunications Infrastructure of Commercial Buildings (commercially available)
- e. TIA/EIA 607, Ground and Bonding Requirements for Telecommunications in Commercial Buildings (Commercially available)
- f. TIA/EIA 568A, Commercial Building Telecommunications Wiring Standard (Commercially available)
- g. TIA/EIA 569A, Commercial building Standard for Telecommunications Pathways and Spaces (Commercially available)
- h. NSTISSAM TEMPEST/2-95a amendment of 3 February 2000, Red/Black Installation Guidance
- i. Unified Facilities Guide Specifications, UFGS-16768A dated July 2003
<http://www.ccb.org/docs/ufgshome/UFGSToc.htm>

3.0 SCOPE

The contractor for the Yokosuka and Naples Information Technology Service Centers (ITSCs) and the Guam, La Maddalena, Souda Bay, Sasebo and Sigonella Information Technology Outreach Centers (ITOCs) Server Farm upgrades, shall perform the following: procure hardware and software, conduct a site survey, complete site preparation, perform configuration and integration of the server farm, participate in government provided training and conduct operational testing under the direction of SPAWAR Systems Center (SSC) San Diego. These upgrades will expand server farm capability in order to provide a standardized IT infrastructure, centralized IT services and secure end-to-end connectivity to all participating Navy users.

4.0 TASK DESCRIPTIONS

4.1 Upgrades Hardware and Software Acquisition and Warranties

4.1.1 The contractor shall complete the following for all sites:

- a. Procure the upgrade equipment including hardware and software as outlined in the respective Government provided Bill of Materials (BOMs).
- b. Deliver and ship the equipment to the in accordance with the agreed upon installation schedule provided by the government.

- c. Act as the Single Point of Contact for this procurement, and for the associated Shipping Activities.
 - d. Leverage in-house and existing shipping and freight forwarding contracts and processes that are currently aiding in expedited shipping.
 - e. Incorporate lessons learned from existing shipping activities to minimize disruption or delay to the site.
 - f. Inspect and bar code all equipment procured under this delivery order for warranty asset tracking utilizing the same bar code scheme and process as was used for previously installed equipment.
 - g. The contractor provided RS3 shall support the configuration that results from this installation. The RS3 period of performance shall be 12 months from completion of the upgrades.
 - h. The contractor shall maintain linkages between the General Dynamics Master Schedule and the FY04 Government Implementation Schedule. Both schedules impact each other and shall be coordinated with the PMO weekly.
- 4.1.1 Warranties: The contractor shall provide a four (4) year warranty support for all hardware procured as part of this delivery order. The warranty period shall commence upon Operational Test acceptance of that portion of the infrastructure by the Government.
- 4.1.2 Software Maintenance: The contractor shall provide software maintenance for a period of four years for all software products included in this installation. The maintenance period shall commence upon completion of Operational Testing of this installation.

5.0 LOGISTICS SUPPORT

- 5.1 Updated Technical Documentation: The contractor shall provide an updated Spares/On-Board Repair Parts Lists for all sites and will update the Asset Inventory Database to reflect these installations. All OEM documentation included with each hardware and software product procured for this effort will be delivered to the site at completion of the Operational Test. The contractor will provide a comprehensive list of this documentation for use in the Customer Service Guide.

6.0 IMPLEMENTATION SUPPORT

The contractor shall provide engineering support to PEO C4I & Space for material procurement, site data collection, site surveys, site preparation, server farm upgrade installations, configuration, integration, testing, and documentation. Contractor will complete government provided Server Farm installation upgrade training.

6.1.1 Data Collection and Site Survey: The contractor shall complete the following for all sites:

- a. Collect preliminary data for the Server Farm upgrades.
- b. Conduct a site survey which will include evaluation of system power requirements, HVAC requirements and impact, connectivity, IP addresses, test equipment, COMSEC requirements, new and reuse equipment requirements, floor and rack space, including any human engineering factors and safety issues impacting the installation.
- c. Provide the Government with a site survey report per reference 2.0, para b, appendix M, with recommendations for the proposed upgrades and BDP redline drawings, within five (5) days of the survey completion.

6.1.2 Installation Material Procurements: The contractor shall procure, provide, ship and store all installation material required to complete the upgrade implementation in accordance with government provided schedule. Material procurement shall be based on the government provided upgrade BOMs and redline BDPs as recorded during the site surveys.

6.1.3 Site Activation/Installation:

The contractor shall install as a minimum; racks, servers, cables, connectors and cable tags. The site activation team shall perform connectivity tests at a minimum, to complete the upgrade implementation for all sites. Installation services shall be in accordance with the government provided Upgrade installation documents for the respective sites, to include specific upgrade rack elevations, hardware configurations and a detailed POA&M.

6.1.4 Server Upgrade install and reconfiguration: The contractor shall provide as a minimum engineering support in the areas of Network, Information Assurance (IA), and Server Farms. Contractor engineers shall support all sites server farm upgrades and reconfiguration phase by using Government provided server farm upgrade and reconfiguration procedures and checklists.

- 6.1.5 Testing: The contractor will support government development, documentation and execution of the server farm enhanced systems functional tests.
- 6.1.6 As-Built BDP: The contractor shall update the baseline (current) BDP after the server farm upgrade reconfiguration and testing to reflect the latest changes to rack configuration/elevations, logical and networks design diagrams, wiring, cabling, cable labeling, space arrangement, power modifications, and any other technical factor or factors affecting the installation. As built drawing packages shall incorporate revised configurations. Document types and formats will be consistent with current as built deliverables. Three (3) copies of the BDPs shall be delivered, in CD media and AUTOCAD R14 format to SPAWARSYSCEN San Diego, thirty days from completion of the server farm Operational Testing.

6.2 Server Farm Upgrade Planning Activities Support

- 6.2.1 Upgrade Planning: The contractor shall participate, as required in server farm upgrade planning activities and meetings to discuss resources, schedule, testing, teaming, POA&M development, labor categories/skills sets, equipment delivery, shipping and CDRLs.
- 6.2.2 Training: The contractor shall provide a minimum of six (6) engineers to receive server farm upgrade experience and training sufficient to implement server farm upgrades at region and area ITOCs.

7.0 TRAVEL

- 7.1 The contractor shall travel to San Diego CA, Far East and Europe ITSC and ITOC sites in support of the tasks outlined in this TRN.

8.0 GOVERNMENT ROLES AND RESPONSIBILITIES

8.1 Overview

The procurement, and implementation support of the BLII OCONUS infrastructure will be completed under the auspices of the Voice, Video, and Data contract (ViViD). For this program, as with any program, Government oversight is a requirement to ensure both contract compliance and customer satisfaction. This section shall address how Government oversight will be provided for the BLII OCONUS implementation efforts in compliance with SPAWARINST 5200.28 and the SPAWAR Shore Installation Process Handbook, reference 2.3.

8.2 Roles and Responsibilities

- a. PEO C4I & Space provides overall acquisition and program management.

- b. SPAWAR 04N shall provide oversight and regional installation management responsibilities by providing a Far East and Europe Regional Coordinator in support of BLII OCONUS implementation.
- c. SPAWAR System Center Charleston, South Carolina and SPAWAR Systems Center San Diego, California shall provide a Project Engineer (PE) who will represent PEO C4I & Space and SPAWAR PMW 165 on site and is responsible for local coordination with base customers, base support for the installation team and installation test and acceptance.
- d. SPAWAR Systems Center San Diego, California is assigned as the installation team leader and is responsible for providing on site direction and tasking to the supporting engineering teams from COMPACFLT N67, COMNAVEUR N66 and General Dynamics Network Systems for completion of the installation.
- e. COMPACFLT N67 shall provide personnel to communicate the design and test plan, assist in the Server Farm installation and shall provide on site training to the SPAWAR Systems Center San Diego and GD engineering teams to facilitate future ITSC and Information Technology Outreach Center (ITOC) Server Farm installations and upgrades.

9.0 SECURITY CLEARANCE

The contractor personnel executing the tasks described in this TRN shall require a SECRET security clearance

10.0 SYSTEM DELIVERY

- 10.1 Upon completion of the Server Farm Operational Tests, the site Project Engineer (PE) shall conduct a security and safety walk through of the installation. Any discrepancies or problems will be noted. The assigned PE shall provide a draft acceptance message to the site, and provide feedback on the installation to the BLII Coordinator, Regional Shore Installation Manager (RSIM) and PEO C4I & Space. The PE shall be responsible for coordinating with the contractor for delivery and site acceptance of the “as built drawings”.
- 10.2 Final Area SOVT shall be completed by the contractor in accordance with the SOVT plan it developed and delivered for the respective ITSC sites in Yokosuka and Naples and ITOC sites for Guam, La Maddalena, Souda Bay, Sasebo and Sigonella. The SOVT shall be timely delivered in accordance with the government-provided schedule, prior to final site acceptance. The basis of final acceptance includes, but is not limited to, completion of all: required IT infrastructure upgrades, Inside and Outside Plant (ISP/OSP), network components including all remote sites, as well as server farm and information assurance suite

implementations and tests. The Site Project Engineer is responsible for ensuring all actions are accomplished per the System Turnover checklist, in accordance with paragraph 2.0, subparagraph (c) of this TRN.

11.0 POINTS OF CONTACT

Following personnel are PEO/SPAWAR points of contact for BLII OCONUS work.

PEO C4I & Space Production Officer, Bill Helmick, William.helmick@navy.mil
PEO C4I & Space European Lead, Joseph Keane, cnespawar4@navy.mil
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SIGONELLA ITSC HARDWARE BILL OF MATERIALS (BOM)
ATTACHMENT K
N68939-97-D-0041/NS58-04

SIGONELLA NIPR Server Farm

<u>Qty</u>	<u>Description</u>
4	PE2650 - Files Servers (2) 2.4GHz 533MHz Processors 1GB DDR SDRAM (2x512MB DIMMs) 5 Bay Backplane (1x5) (2) 18GB 15K RPM Hard Drives PERC3/Di w 128MB Cache (internal drives) PERC4/DC w 128MB Cache, 2 External channels (external drives) Windows Server 2003 - Standard Edition Rapid Rails for Dell Rack Redundant Power Supplies
8	1GB DDR DIMMs for PE2650 – Exchange Servers
56	146GB U320 10K RPM Hard Drives for PV220S – File Storage
24	73GB U320 15K RPM Hard Drives for PV220S – Exchange Storage
1	PV132T Rackmount Library (LTO-2) (6) LTO-2 Drives (200/400GB) (54) Tape Slots (12) Tape Mailbox U160 SCSI Controller Card Redundant Power Supply (400) LTO Media Labels
57	10) Pack of LTO-2 Tape Media
1	4210 42U Dell Cabinet

SIGONELLA NIPR SF, continued

<u>Qty</u>	<u>Description</u>
	42U Rack, PS, Side Panels, Customer Install
	42U Rack, Interconnect Kit PS to PS, Customer Install
1	Dell CUS, 1U Rack Console, KMM, 15, RPD-RAIL, SKU: 310-4227
1	Dell 8 Port KVM Switchbox, SKU: 310-0968
8	Dell 12' Cable, 8 Port, Swth Box, KVM, Cust, SKU: 310-0970
2	Cisco Catalyst 4006 24 Port 10/100/1000 cat5 RJ-45 card, P/N: WS-X4424-GB-RJ45
1	UPS – SymmentraRM, P/N: SYP12K12RMI (International Version)
2	UPS – SymmetraRM External Battery, P/N: SYRMXR4B4I (International Version)

SIGONELLA ITSC HARDWARE BILL OF MATERIALS (BOM)
ATTACHMENT K
N68939-97-D-0041/NS58-04

SIGONELLA NIPR IA

<u>Qty</u>	<u>Description</u>
1	PE1750 – SysLog Server (2) 2.4GHz Processors 1GB DDR SDRAM (2x512MB DIMMs) (3) 73GB 10K RPM Hard Drives PERC4/Di w 128MB Cache (internal drives) Win2k3 Server with 5 CALs Rapid Rails for Dell Rack Redundant Power Supplies
1	PE1750 –Log Storage/Backup Server (2) 2.4GHz Processors 1GB DDR SDRAM (2x512MB DIMMs) (3) 146GB 10K RPM Hard Drives PERC4/Di w 128MB Cache (internal drives) Win2k3 Server with 5 CALs Rapid Rails for Dell Rack Redundant Power Supplies
8	10) Pack of LTO-1 Tape Media
1	Dell CUS, 1U Rack Console, KMM, 15, RPD-RAIL, SKU: 310-4227
1	Dell 8 Port KVM Switchbox, SKU: 310-0968
8	Dell 12' Cable, 8 Port, Swth Box, KVM, Cust, SKU: 310-0970
	Cisco 3745 Multiservice Access Router
1	3700 Access Concentrator: 2x NM-30DM, IP, IOS, P/N: AS3745-E1-60

SIGONELLA NIPR IA, continued

<u>Qty</u>	<u>Description</u>
1	AC Power Supply for the Cisco 3745, P/N: PWR-3745-AC
1	Power Cord, P/N: CAB-ACE
1	Cisco 3745 Ser IOS IP, P/N: S3745C-12305
1	32 to 64MB Cisco 3700 Compact Flash Factory, P/N: MEM3745-32U64CF
1	2-Port Channelized E1/T1/ISDN-PRI Network, P/N: NM-2CE1T-PR1
1	Modem management technology license for 3600/3700, P/N: MMTL-3600-24
1	24 Port Digital Modem Network Module, P/N: NM-24DM
1	SMARTNET 8x5xNBD 3700 Access Concent, P/N: CON-SNT-AS3475E60

**SIGONELLA ITSC HARDWARE BILL OF MATERIALS (BOM)
ATTACHMENT K
N68939-97-D-0041/NS58-04**

SIGONELLA SIPR Server Farm

<u>Qty</u>	<u>Description</u>
1	<p>PE2650 - File Servers</p> <p>(2) 2.4GHz 533MHz Processors</p> <p>1GB DDR SDRAM (2x512MB DIMMs)</p> <p>5 Bay Backplane (1x5)</p> <p>(2) 18GB 15K RPM Hard Drives</p> <p>PERC3/Di w 128MB Cache (internal drives)</p> <p>PERC4/DC w 128MB Cache, 2 External channels (external drives)</p> <p>(2) Intel Pro 1000F NICs P/N: PWLA8490MF</p> <p>Windows Server 2003 - Standard Edition</p> <p>Rapid Rails for Dell Rack</p> <p>Redundant Power Supplies</p>
1	<p>PE2650 – Proxy/Cache Servers</p> <p>(2) 2.4GHz 533MHz Processors</p> <p>1GB DDR SDRAM (2x512MB DIMMs)</p> <p>5 Bay Backplane (1x5)</p> <p>(2) 18GB 15K RPM Hard Drives</p> <p>PERC3/Di w 128MB Cache (internal drives)</p> <p>(2) Intel Pro 1000F NICs</p> <p>Windows Server 2003 – Enterprise Edition</p> <p>Rapid Rails for Dell Rack</p> <p>Redundant Power Supplies</p>

SIGONELLA ITSC HARDWARE BOM
ATTACHMENT K
N68939-97-D-0041/NS58-04

SIGONELLA SIPR SF, continued

<u>Qty</u>	<u>Description</u>
1	PE2650 – Intranet Web Servers (2) 2.4GHz 533MHz Processors 1GB DDR SDRAM (2x512MB DIMMs) 5 Bay Backplane (1x5) (2) 18GB 15K RPM Hard Drives PERC3/Di w 128MB Cache (internal drives) (2) Intel Pro 1000F NICs Windows Server 2003 – Enterprise Edition Rapid Rails for Dell Rack Redundant Power Supplies
4	1GB DDR DIMMs for PE2650 – Exchange Servers
6	146GB U320 10K RPM Hard Drives for PV220S – File Storage
8	73GB U320 15K RPM Hard Drives for PV220S – Exchange Storage
1	PV132T Rackmount Autoloader (LTO-2) (1)LTO-2 Drives (200/400GB) U160 SCSI Controller Card (200) LTO Media Labels
4	(10) Pack of LTO-2 Tape Media
1	4210 42U Dell Cabinet 42U Rack, PS, Side Panels, Customer Install 42U Rack, Interconnect Kit PS to PS, Customer Install
6	Intel Pro 1000MF Fiber Gigabit Network Adapter
1	Dell Cus, 1U Rack Console, KMM, 15 RPD-RAIL, SKU: 310-4227

SIGONELLA SIPR SF, continued

<u>Qty</u>	<u>Description</u>
1	Dell 8 Port KVM SwitchBox, SKU: 310-0968
8	Dell 12' Cable, 8 Port, SWTCH BOX, KVM, CUST, SKU: 310-0970
1	UPS – SymmetraRM, P/N: SYP12K12RMI (International Version)
2	UPS – SymmetraRM External Battery, P/N: SYRMXR4B4I (International Version)

SIGONELLA ITSC HARDWARE BILL OF MATERIALS (BOM)
ATTACHMENT K
N68939-97-D-0041/NS58-04

SIGONELLA SIPR IA

<u>Qty</u>	<u>Description</u>
1	PE1750 – SysLog Server (2) 2.4GHz Processors 1GB DDR SDRAM (2x512MB DIMMs) (3) 73GB 10K RPM Hard Drives PERC4/Di w 128MB Cache (internal drives) Win2k3 Server with 5 CALs Rapid Rails for Dell Rack Redundant Power Supplies
1	PE1750 –Log Storage/Backup Server (2) 2.4GHz Processors 1GB DDR SDRAM (2x512MB DIMMs) (3) 146GB 10K RPM Hard Drives PERC4/Di w 128MB Cache (internal drives) Win2k3 Server with 5 CALs Rapid Rails for Dell Rack Redundant Power Supplies
8	(10) Pack of LTO-1 Tape Media

SIGONELLA ITSC SOFTWARE BILL OF MATERIALS (BOM)
ATTACHMENT L
N68939-97-D-0041/NS58-04

SIGONELLA NIPR Server Farm (SF):

<u>Qty</u>	<u>Description</u>
1	Veritas BackupExec for Windows Server v9.0
5	Veritas BackupExec for Windows Library Expansion Module
1	Veritas BackupExec Admin Plus Pack
1	Veritas BackupExec for Windows Open File Option
4	Veritas StorageCentral SRM
0	Veritas NetBackup Bare Metal Restore Option for Solaris (2 CPU)
26	Altiris Deployment Solution Licenses
0	IBM Tivoli Monitor (per processor)
0	IBM Tivoli Remote Control (per processor)
0	IBM Tivoli Configuration Manager (per processor)
0	IBM Tivoli Enterprise Console (per processor)
0	Tivoli Netview
0	Oracle Server License
0	Oracle Product Support - 1Yr
0	IBM Tivoli Configuration Manager CALs
0	IBM Tivoli Remote Control CALs
1	Symantec Enterprise Security Manager - Server Agent
1	Symantec Enterprise Security Manager - Additional CPUs
1	Symantec Intruder Alert - Server Agent

SIGONELLA NIPR Server Farm (SF), continued

<u>Qty</u>	<u>Description</u>
1	Symantec Intruder Alert - Additional CPUs
0	Microsoft Identity Integration Server 2003 – Enterprise Edition (Per CPU)
0	Microsoft SQL Server 2000 – Enterprise Edition (Per CPU)
5415	Microsoft Windows Server 2003 CALs
5415	Microsoft Exchange Server 2003 CALs
0	Remedy Help Desk (English) APP NT
0	Remedy Help Desk Fixed LSN 5-Pk
0	Remedy Help Desk Floating LSN 5-Pk
0	Remedy Asset Management (English) APP NT
0	Remedy Asset Management Fixed LSN 5-Pk
0	Remedy Asset Management Floating LSN 5-Pk
0	Remedy Change Management (English) APP NT
0	Remedy Change Management Fixed LSN 5-Pk
0	Remedy Change Management Floating LSN 5-Pk
0	Remedy SLA (English) APP w 5 Users NT
0	Remedy Distributed Server Option (DSO)
0	Remedy Express Plus Maintenance
0	Remedy AR System Fixed LSN 5-Pk
0	Remedy Migrator 5.1
0	Remedy AR System Server All Platforms

SIGONELLA NIPR Server Farm (SF), continued

<u>Qty</u>	<u>Description</u>
0	Remedy AR System Floating Write LSN 5-Pk
0	CiscoWorks 2000 Routed WAN Management
0	CiscoWorks 2000 Maintenance
0	CiscoWorks 2000 Device Fault Management
0	CiscoWorks 2000 Device Fault Management Maintenance
4	Microsoft Windows Server 2003 Standard License w 5 CALs

SIGONELLA ITSC SOFTWARE BILL OF MATERIALS (BOM)
ATTACHMENT L
N68939-97-D-0041/NS58-04

SIGONELLA NIPR Information Assurance

<u>Qty</u>	<u>Description</u>
0	Veritas BackupExec for Windows Server v9.0
1	Veritas BackupExec Admin Plus Pack
2	Veritas BackupExec for Windows Open File Option
6	Altiris Deployment Solution Licenses
2	Symantec Enterprise Security Manager - Server Agent
2	Symantec Enterprise Security Manager - Additional CPUs
2	Symantec Intruder Alert - Server Agent
2	Symantec Intruder Alert - Additional CPUs
0	Microsoft ISA Enterprise Edition (Per CPU)

**SIGONELLA ITSC SOFTWARE BILL OF MATERIALS (BOM)
ATTACHMENT L
N68939-97-D-0041/NS58-04**

SIGONELLA SIPR Server Farm

<u>Qty</u>	<u>Description</u>
1	Veritas BackupExec for Windows Server v9.0
0	Veritas BackupExec for Windows Library Expansion Module
6	Veritas BackupExec for Windows Open File Option
1	Veritas BackupExec Admin Plus Pack
1	Veritas StorageCentral SRM
0	Veritas NetBackup Bare Metal Restore Option for Solaris (2 CPU)
10	Altiris Deployment Solution Licenses
0	IBM Tivoli Monitor (per processor)
0	IBM Tivoli Remote Control (per processor)
0	IBM Tivoli Configuration Manager (per processor)
0	IBM Tivoli Enterprise Console (per processor)
0	Tivoli Netview
0	Oracle Server License
0	Oracle Product Support - 1 Yr
0	IBM Tivoli Configuration Manager CALs
0	IBM Tivoli Remote Control CALs
6	Symantec Enterprise Security Manager - Server Agent
6	Symantec Enterprise Security Manager - Additional CPUs

SIGONELLA SIPR Server Farm, continued

<u>Qty</u>	<u>Description</u>
6	Symantec Intruder Alert - Server Agent
6	Symantec Intruder Alert - Additional CPUs
0	Microsoft Identity Integration Server 2003 – Enterprise Edition (Per CPU)
0	Microsoft SQL Server 2000 – Standard Edition
346	Microsoft Windows Server 2003 CALs
346	Microsofr Exchange Server 2003 CALs
0	Remedy Help Desk (English) APP NT
0	Remedy Help Desk Fixed LSN 5-Pk
0	Remedy Help Desk Floating LSN 5-Pk
0	Remedy Asset Management (English) APP NT
0	Remedy Asset Management Fixed LSN 5-Pk
0	Remedy Asset Management Floating LSN 5-Pk
0	Remedy Change Management (English) APP NT
0	Remedy Change Management Fixed LSN 5-Pk
0	Remedy Change Management Floating LSN 5-Pk
0	Remedy SLA (English) APP w 5 Users NT
0	Remedy Distributed Server Option (DSO)
0	Remedy Express Plus Maintenance
0	Remedy AR System Fixed LSN 5-Pk

SIGONELLA SIPR Server Farm, continued

<u>Qty</u>	<u>Description</u>
0	Remedy Migrator 5.1
0	Remedy AR System Server All Platforms
0	Remedy AR System Floating Write LSN 5-Pk
0	CiscoWorks 2000 Routed WAN Management
0	CiscoWorks 2000 Maintenance
0	CiscoWorks 2000 Device Fault Management
0	CiscoWorks 2000 Device Fault Management Maintenance
1	Microsoft Windows Server 2003 Standard License w 5 CALs
0	Microsoft ISA Enterprise Edition (Per CPU)

SIGONELLA ITSC SOFTWARE BILL OF MATERIALS (BOM)
ATTACHMENT L
N68939-97-D-0041/NS58-04

SIGONELLA SIPR Information Assurance

<u>Qty</u>	<u>Description</u>
0	Veritas BackupExec for Windows Server v9.0
1	Veritas BackupExec Admin Plus Pack
2	Veritas BackupExec for Windows Open File Option
6	Altiris Deployment Solution Licenses
2	Symantec Enterprise Security Manager - Server Agent
2	Symantec Enterprise Security Manager - Additional CPUs
2	Symantec Intruder Alert - Server Agent
2	Symantec Intruder Alert - Additional CPUs
0	Microsoft ISA Enterprise Edition (Per CPU)

LAMADDALENA ITSC HARDWARE BILL OF MATERIALS (BOM)
ATTACHMENT M
N68939-97-D-0041/NS58-04

LAMADDALENA NIPR Server Farm

<u>Qty</u>	<u>Description</u>
1	PE2650 - File Servers (2) 2.4GHz 533MHz Processors 1GB DDR SDRAM (2x512MB DIMMs) 5 Bay Backplane (1x5) (2) 18GB 15K RPM Hard Drives PERC3/Di w 128MB Cache (internal drives) PERC4/DC w 128MB Cache, 2 External channels (external drives) Windows Server 2003 - Standard Edition Rapid Rails for Dell Rack Redundant Power Supplies
1	PE2650 – Print Servers (2) 2.4GHz 533MHz Processors 1GB DDR SDRAM (2x512MB DIMMs) 5 Bay Backplane (1x5) (2) 18GB 15K RPM Hard Drives PERC3/Di w 128MB Cache (internal drives) Windows Server 2003 - Standard Edition Rapid Rails for Dell Rack Redundant Power Supplies
1	PE2650 – Proxy/Cache Servers (2) 2.4GHz 533MHz Processors 1GB DDR SDRAM (2x512MB DIMMs)

LAMADDALENA NIPR SF, continued

<u>Qty</u>	<u>Description</u>
	5 Bay Backplane (1x5)
	(2) 18GB 15K RPM Hard Drives
	PERC3/Di w 128MB Cache (internal drives)
	Windows Server 2003 – Enterprise Edition
	Rapid Rails for Dell Rack
	Redundant Power Supplies
1	PE2650 – Intranet Web Servers
	(2) 2.4GHz 533MHz Processors
	1GB DDR SDRAM (2x512MB DIMMs)
	5 Bay Backplane (1x5)
	(2) 18GB 15K RPM Hard Drives
	PERC3/Di w 128MB Cache (internal drives)
	Windows Server 2003 - Enterprise Edition
	Rapid Rails for Dell Rack
	Redundant Power Supplies
4	1GB DDR DIMMs for PE2650 – Exchange Servers
7	146GB U320 10K RPM Hard Drives for PV220S – File Storage
8	73GB U320 15K RPM Hard Drives for PV220S – Exchange Storage
1	PV132T Rackmount Autoloader (LTO-2)
	(1) LTO-2 Drives (200/400GB)
	(24) Tape Slots
	U160 SCSI Controller Card

LAMADDALENA NIPR SF, continued

<u>Qty</u>	<u>Description</u>
	(200) LTO Media Labels
6	(10) Pack of LTO-2 Tape Media
1	4210 42U Dell Cabinet
	42U Rack, PS, Side Panels, Customer Install
	42U Rack, Interconnect Kit PS to PS, Customer Install
2	3550-12T 10/100/1000T Ports and 2 GBICs, P/N: WS-C3550-12T +CAB-ACI
2	4006 6 Ports GigE Bd, P/N: WS-X4306-GB
2	Cisco 1000Base SX MM GBIC P/N: WS-G5484
2	Cisco 1000Base LX SM GBIC, P/N: WS-G5486
1	Dell CUS, 1U Rack Console, KMM, 15, RPD-RAIL, SKU: 310-4227
1	Dell 8 Port KVM Switchbox, SKU: 310-0968
8	Dell 12' Cable, 8 Port, Swth Box, KVM, Cust, SKU: 310-0970

LAMADDALENA ITSC HARDWARE BILL OF MATERIALS (BOM)
ATTACHMENT M
N68939-97-D-0041/NS58-04

LAMADDALENA NIPR IA

<u>Qty</u>	<u>Description</u>
1	PE1750 – SysLog Server (2) 2.4GHz Processors 1GB DDR SDRAM (2x512MB DIMMs) (3) 73GB 10K RPM Hard Drives PERC4/Di w 128MB Cache (internal drives) Win2k3 Server with 5 CALs Rapid Rails for Dell Rack Redundant Power Supplies
1	PE1750 –Log Storage/Backup Server (2) 2.4GHz Processors 1GB DDR SDRAM (2x512MB DIMMs) (3) 146GB 10K RPM Hard Drives PERC4/Di w 128MB Cache (internal drives) Win2k3 Server with 5 CALs Rapid Rails for Dell Rack Redundant Power Supplies
8	(10) Pack of LTO-1 Tape Media
1	4210 42U Dell Cabinet 42U Rack, PS, Side Panels, Customer Install 42U Rack, Interconnect Kit PS to PS, Customer Install

LAMADDALENA NIPR IA, continued

<u>Qty</u>	<u>Description</u>
1	Dell CUS, 1U Rack Console, KMM, 15, RPD-RAIL, SKU: 310-4227
1	Dell 8 Port KVM Switchbox, SKU: 310-0968
8	Dell 12' Cable, 8 Port, Swth Box, KVM, Cust, SKU: 310-0970
	Cisco 3745 Multiservice Access Router
1	3700 Access Concentrator: 2x NM-30DM, IP, IOS, P/N: AS3745-E1-60
1	AC Power Supply for the Cisco 3745, P/N: PWR-3745-AC
1	Power Cord, P/N: CAB-ACE
1	Cisco 3745 Ser IOS IP, P/N: S3745C-12305
1	32 to 64MB Cisco 3700 Compact Flash Factory, P/N: MEM3745-32U64CF
1	2-Port Channelized E1/T1/ISDN-PRI Network, P/N: NM-2CE1T-PR1
1	Modem management technology license for 3600/3700, P/N: MMTL-3600-24
1	24 Port Digital Modem Network Module, P/N: NM-24DM
1	SMARTNET 8x5xNBD 3700 Access Conccent, P/N: CON-SNT-AS3745E60

LAMADDALENA ITSC HARDWARE BILL OF MATERIALS (BOM)
ATTACHMENT M
N68939-97-D-0041/NS58-04

LAMADDALENA SIPR Server Farm

<u>Qty</u>	<u>Description</u>
1	PE2650 - File Servers (2) 2.4GHz 533MHz Processors 1GB DDR SDRAM (2x512MB DIMMs) 5 Bay Backplane (1x5) (2) 18GB 15K RPM Hard Drives PERC3/Di w 128MB Cache (internal drives) PERC4/DC w 128MB Cache, 2 External channels (external drives) (2) Intel Pro 1000F NICs Windows Server 2003 - Standard Edition Rapid Rails for Dell Rack Redundant Power Supplies
1	PE2650 – Print Servers (2) 2.4GHz 533MHz Processors 1GB DDR SDRAM (2x512MB DIMMs) 5 Bay Backplane (1x5) (2) 18GB 15K RPM Hard Drives PERC3/Di w 128MB Cache (internal drives) (2) Intel Pro 1000F NICs Windows Server 2003 - Standard Edition Rapid Rails for Dell Rack Redundant Power Supplies

LAMADDALENA SIPR SF, continued

<u>Qty</u>	<u>Description</u>
1	PE2650 – Backup (BE/Altiris) Servers (2) 2.4GHz 533MHz Processors 1GB DDR SDRAM (2x512MB DIMMs) 5 Bay Backplane (1X5) (2) 18GB 15K RPM Hard Drives PERC3/Di w 128MB Cache (internal drives) (2) Intel Pro 1000F NICs Windows Server 2003 - Standard Edition Rapid Rails for Dell Rack Redundant Power Supplies
1	PE2650 – Tivoli Servers (2) 2.4GHz 533MHz Processors 1GB DDR SDRAM (2x512MB DIMMs) 5 Bay Backplane (1x5) (2) 18GB 15K RPM Hard Drives PERC3/Di w 128MB Cache (internal drives) (2) Intel Pro 1000F NICs Windows Server 2003 - Standard Edition Rapid Rails for Dell Rack Redundant Power Supplies
1	PE2650 – Proxy/Cache Servers (2) 2.4GHz 533MHz Processors

LAMADDALENA SIPR SF, continued

Qty	Description
	1GB DDR SDRAM (2x512MB DIMMs)
	5 Bay Backplane (1x5)
	(2) 18GB 15K RPM Hard Drives
	PERC3/Di w 128MB Cache (internal drives)
	(2) Intel Pro 1000F NICs
	Windows Server 2003 – Enterprise Edition
	Rapid Rails for Dell Rack
	Redundant Power Supplies
1	PE2650 – Intranet Web Servers
	(2) 2.4GHz 533MHz Processors
	1GB DDR SDRAM (2x512MB DIMMs)
	5 Bay Backplane (1x5)
	(2) 18GB 15K RPM Hard Drives
	PERC3/Di w 128MB Cache (internal drives)
	(2) Intel Pro 1000F NICs
	Windows Server 2003 - Enterprise Edition
	Rapid Rails for Dell Rack
	Redundant Power Supplies
1	PV220S JBOD – File Storage
	Locking Bezel
	(3) 146GB 10K RPM Hard Drives
	Single U320 Enclosure Management Module
	Rapid Rails for Dell Rack

LAMADDALENA SIPR SF, continued

<u>Qty</u>	<u>Description</u>
	Redundant Power Supplies
	(2) 1 Meter, 68-pin PERC/39160 Cables
4	1GB DDR DIMMs for PE2650 – Exchange Servers
8	73GB U320 15K RPM Hard Drives for PV220S – Exchange Storage
1	PV132T Rackmount Autoloader (LTO-2)
	(1) LTO-2 Drives (200/400GB)
	(24) Tape Slots
	U160 SCSI Controller Card
	(200) LTO Media Labels
1	(10) Pack of LTO-2 Tape Media
1	Dell Cus, 1U Rack Console, KMM, 15 RPD-RAIL, SKU: 310-4227
1	Dell 16 Port KVM SwitchBox, SKU: 310-0972
16	Dell 12' Cable, 16 Port, SWTCH BOX, KVM, CUST, SKU: 310-0978
1	4210 42U Dell Cabinet
	42U Rack, PS, Side Panels, Customer Install
	42U Rack, Interconnect Kit PS to PS, Customer Install
2	3550-12G 10Port GBIC and 2 Port 10/100/1000TX, P/N: WS-C3550-12G +CAB-ACE
20	Cisco 1000Base SX MM GBIC P/N: WS-G5484

LAMADDALENA ITSC HARDWARE BILL OF MATERIALS (BOM)
ATTACHMENT M
N68939-97-D-0041/NS58-04

LAMADDALENA SIPR IA

<u>Qty</u>	<u>Description</u>
1	PE1750 – SysLog Server (2) 2.4GHz Processors 1GB DDR SDRAM (2x512MB DIMMs) (3) 73GB 10K RPM Hard Drives PERC4/Di w 128MB Cache (internal drives) Win2k3 Server with 5 CALs Rapid Rails for Dell Rack Redundant Power Supplies
1	PE1750 –Log Storage/Backup Server (2) 2.4GHz Processors 1GB DDR SDRAM (2x512MB DIMMs) (3) 146GB 10K RPM Hard Drives PERC4/Di w 128MB Cache (internal drives) Win2k3 Server with 5 CALs Rapid Rails for Dell Rack Redundant Power Supplies
8	(10) Pack of LTO-1 Tape Media
1	Dell CUS, 1U Rack Console, K<M, 15, RPD-RAIL, SKU: 310-4227
1	Dell 8 Port KVM Switchbox, SKU: 310-0968

8 Dell 12' Cable, 8 Port, Swth Box, KVM Cust, SKU: 310-0970

LAMADDALENA ITSC SOFTWARE BILL OF MATERIALS (BOM)
ATTACHMENT N
N68939-97-D-0041/NS58-04

LAMADDALENA NIPR Server Farm (SF):

<u>Qty</u>	<u>Description</u>
1	Veritas BackupExec for Windows Server v9.0
0	Veritas BackupExec for Windows Library Expansion Module
1	Veritas BackupExec Admin Plus Pack
4	Veritas BackupExec for Windows Open File Option
1	Veritas StorageCentral SRM
0	Veritas NetBackup Bare Metal Restore Option for Solaris (2 CPU)
12	Altiris Deployment Solution Licenses
0	IBM Tivoli Monitor (per processor)
0	IBM Tivoli Remote Control (per processor)
0	IBM Tivoli Configuration Manager (per processor)
0	IBM Tivoli Enterprise Console (per processor)
0	Tivoli Netview
0	Oracle Server License
0	Oracle Product Support - 1Yr
0	IBM Tivoli Configuration Manager CALs
0	IBM Tivoli Remote Control CALs
4	Symantec Enterprise Security Manager - Server Agent
4	Symantec Enterprise Security Manager - Additional CPUs
4	Symantec Intruder Alert - Server Agent

LAMADDALENA NIPR Server Farm (SF), continued

<u>Qty</u>	<u>Description</u>
4	Symantec Intruder Alert - Additional CPUs
0	Microsoft Identity Integration Server 2003 – Enterprise Edition (Per CPU)
0	Microsoft SQL Server 2000 – Enterprise Edition (Per CPU)
558	Microsoft Windows Server 2003 CALs
558	Microsoft Exchange Server 2003 CALs
0	Remedy Help Desk (English) APP NT
0	Remedy Help Desk Fixed LSN 5-Pk
0	Remedy Help Desk Floating LSN 5-Pk
0	Remedy Asset Management (English) APP NT
0	Remedy Asset Management Fixed LSN 5-Pk
0	Remedy Asset Management Floating LSN 5-Pk
0	Remedy Change Management (English) APP NT
0	Remedy Change Management Fixed LSN 5-Pk
0	Remedy Change Management Floating LSN 5-Pk
0	Remedy SLA (English) APP w 5 Users NT
0	Remedy Distributed Server Option (DSO)
0	Remedy Express Plus Maintenance
0	Remedy AR System Fixed LSN 5-Pk
0	Remedy Migrator 5.1
0	Remedy AR System Server All Platforms

LAMADDALENA NIPR Server Farm (SF), continued

<u>Qty</u>	<u>Description</u>
0	Remedy AR System Floating Write LSN 5-Pk
0	CiscoWorks 2000 Routed WAN Management
0	CiscoWorks 2000 Maintenance
0	CiscoWorks 2000 Device Fault Management
0	CiscoWorks 2000 Device Fault Management Maintenance

LAMADDALENA ITSC SOFTWARE BILL OF MATERIALS (BOM)
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LAMADDALENA NIPR Information Assurance

<u>Qty</u>	<u>Description</u>
0	Veritas BackupExec for Windows Server v9.0
1	Veritas BackupExec Admin Plus Pack
2	Veritas BackupExec for Windows Open File Option
6	Altiris Deployment Solution Licenses
2	Symantec Enterprise Security Manager - Server Agent
2	Symantec Enterprise Security Manager - Additional CPUs
2	Symantec Intruder Alert - Server Agent
2	Symantec Intruder Alert - Additional CPUs
0	Microsoft ISA Enterprise Edition (Per CPU)

LAMADDALENA ITSC SOFTWARE BILL OF MATERIALS (BOM)
ATTACHMENT N
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LAMADDALENA SIPR Server Farm

<u>Qty</u>	<u>Description</u>
1	Veritas BackupExec for Windows Server v9.0
0	Veritas BackupExec for Windows Library Expansion Module
6	Veritas BackupExec for Windows Open File Option
1	Veritas BackupExec Admin Plus Pack
1	Veritas StorageCentral SRM
0	Veritas NetBackup Bare Metal Restore Option for Solaris (2 CPU)
10	Altiris Deployment Solution Licenses
0	IBM Tivoli Monitor (per processor)
0	IBM Tivoli Remote Control (per processor)
0	IBM Tivoli Configuration Manager (per processor)
0	IBM Tivoli Enterprise Console (per processor)
0	Tivoli Netview
0	Oracle Server License
0	Oracle Product Support - 1Yr
0	IBM Tivoli Configuration Manager CALs
0	IBM Tivoli Remote Control CALs
6	Symantec Enterprise Security Manager - Server Agent
6	Symantec Enterprise Security Manager - Additional CPUs

LAMADDALENA SIPR Server Farm, continued

<u>Qty</u>	<u>Description</u>
6	Symantec Intruder Alert - Server Agent
6	Symantec Intruder Alert - Additional CPUs
0	Microsoft Identity Integration Server 2003 – Enterprise Edition (Per CPU)
0	Microsoft SQL Server 2000 – Standard Edition
18	Microsoft Windows Server 2003 CALs
18	Microsoft Exchange Server 2003 CALs
0	Remedy Help Desk (English) APP NT
0	Remedy Help Desk Fixed LSN 5-Pk
0	Remedy Help Desk Floating LSN 5-Pk
0	Remedy Asset Management (English) APP NT
0	Remedy Asset Management Fixed LSN 5-Pk
0	Remedy Asset Management Floating LSN 5-Pk
0	Remedy Change Management (English) APP NT
0	Remedy Change Management Fixed LSN 5-Pk
0	Remedy Change Management Floating LSN 5-Pk
0	Remedy SLA (English) APP w 5 Users NT
0	Remedy Distributed Server Option (DSO)
0	Remedy Express Plus Maintenance
0	Remedy AR System Fixed LSN 5-Pk

LAMADDALENA SIPR Server Farm, continued

<u>Qty</u>	<u>Description</u>
0	Remedy Migrator 5.1
0	Remedy AR System Server All Platforms
0	Remedy AR System Floating Write LSN 5-Pk
0	CiscoWorks 2000 Routed WAN Management
0	CiscoWorks 2000 Maintenance
0	CiscoWorks 2000 Device Fault Management
0	CiscoWorks 2000 Device Fault Management Maintenance
0	Microsoft Windows Server 2003 Standard License w 5 CALs

LAMADDALENA ITSC SOFTWARE BILL OF MATERIALS (BOM)
ATTACHMENT N
N68939-97-D-0041/NS58-04

LAMADDALENA SIPR Information Assurance

<u>Qty</u>	<u>Description</u>
0	Veritas BackupExec for Windows Server v9.0
1	Veritas BackupExec Admin Plus Pack
2	Veritas BackupExec for Windows Open File Option
6	Altiris Deployment Solution Licenses
2	Symantec Enterprise Security Manager - Server Agent
2	Symantec Enterprise Security Manager - Additional CPUs
2	Symantec Intruder Alert - Server Agent
2	Symantec Intruder Alert - Additional CPUs
0	Microsoft ISA Enterprise Edition (Per CPU)

SOUDA BAY ITSC HARDWARE BILL OF MATERIALS (BOM)
ATTACHMENT O
N68939-97-D-0041/NS58-04

SOUDA BAY NIPR Server Farm

<u>Qty</u>	<u>Description</u>
1	PE2650 – Backup (BE/Altiris) Servers (2) 2.4GHz 533MHz Processors 2GB DDR SDRAM (2x1GB DIMMs) 5 Bay Backplane (1x5) (2) 18GB 15K RPM Hard Drives PERC3/Di w 128MB Cache (internal drives) Windows Server 2003 - Standard Edition Rapid Rails for Dell Rack Redundant Power Supplies
1	PE2650 - Tivoli Servers (2) 2.4GHz 533MHz Processors 1GB DDR SDRAM (2x512MB DIMMs) 5 Bay Backplane (2+3) (2) 18GB 15K RPM Hard Drives (3) 73GB 10K RPM Hard Drives PERC3/Di w 128MB Cache (internal drives) Windows Server 2003 - Standard Edition Rapid Rails for Dell Rack Redundant Power Supplies

SOUDA BAY NIPR SF, continued

<u>Qty</u>	<u>Description</u>
1	<p>PE2650 - File Servers</p> <p>(2) 2.4GHz 533MHz Processors</p> <p>1GB DDR SDRAM (2x512MB DIMMs)</p> <p>5 Bay Backplane (1x5)</p> <p>(2) 18GB 15K RPM Hard Drives</p> <p>PERC3/Di w 128MB Cache (internal drives)</p> <p>PERC4/DC w 128MB Cache, 2 External channels (external drives)</p> <p>Windows Server 2003 - Standard Edition</p> <p>Rapid Rails for Dell Rack</p> <p>Redundant Power Supplies</p>
1	<p>PE2650 – Print Servers</p> <p>(2) 2.4GHz 533MHz Processors</p> <p>1GB DDR SDRAM (2x512MB DIMMs)</p> <p>5 Bay Backplane (1x5)</p> <p>(2) 18GB 15K RPM Hard Drives</p> <p>(2) 73GB 10K RPM Hard Drives</p> <p>PERC3/Di w 128MB Cache (internal drives)</p> <p>Windows Server 2003 - Standard Edition</p> <p>Rapid Rails for Dell Rack</p> <p>Redundant Power Supplies</p>

SOUDA BAY NIPR SF, continued

<u>Qty</u>	<u>Description</u>
1	PV220S JBOD – File Storage
	Locking Bezel
	(5) 146GB 10K RPM Hard Drives
	Single U320 Enclosure Management Module
	Rapid Rails for Dell Rack
	Redundant Power Supplies
	(2) 1 Meter, 68-pin PERC/39160 Cables
4	1GB DDR DIMMs for PE2650 – Exchange Servers
8	73GB U320 15K RPM Hard Drives for PV220sS – Exchange Storage
1	PV132T Rackmount Autoloader (LTO-2)
	(1) LTO-2 Drives (200/400GB)
	(24) Tape Slots
	U160 SCSI Controller Card
	(200) LTO Media Labels
9	(10) Pack of LTO-2 Tape Media
1	Dell Cus, 1U Rack Console, KMM, 15 RPD-RAIL, SKU: 310-4227
1	Dell 16 Port KVM SwitchBox, SKU: 310-0972
16	Dell 12' Cable, 16Port, SWTCH BOX, KVM, CUST, SKU: 310-0978
1	4210 42U Dell Cabinet
	42U Rack, PS, Side Panels, Customer Install
	42U Rack, Interconnect Kit PS to PS, Customer Install
2	3550-12T 10/100/1000T Ports and 2GBICs, P/N: WS-C3550-12T + CAB-ACI
4	Cisco 1000Base SX MM GBIC, P/N: WS-G5484

SOUDA BAY ITSC HARDWARE BILL OF MATERIALS (BOM)
ATTACHMENT O
N68939-97-D-0041/NS58-04

SOUDA BAY NIPR IA

<u>Qty</u>	<u>Description</u>
1	PE1750 – SysLog Server (2) 2.4GHz Processors 1GB DDR SDRAM (2x512MB DIMMs) (3) 73GB 10K RPM Hard Drives PERC4/Di w 128MB Cache (internal drives) Win2k3 Server with 5 CALs Rapid Rails for Dell Rack Redundant Power Supplies
1	PE1750 –Log Storage/Backup Server (2) 2.4GHz Processors 1GB DDR SDRAM (2x512MB DIMMs) (3) 146GB 10K RPM Hard Drives PERC4/Di w 128MB Cache (internal drives) Win2k3 Server with 5 CALs Rapid Rails for Dell Rack Redundant Power Supplies

SOUDA BAY NIPR IA, continued

<u>Qty</u>	<u>Description</u>
8	(10) Pack of LTO-1 Tape Media
1	Dell CUS, 1U Rack Console, KMM, 15, RPD-RAIL, SKU: 310-4227
1	Dell 8 Port KVM Switchbox, SKU: 310-0968
8	Dell 12' Cable, 8 Port, Swth Box, KVM, Cust, SKU: 310-0970
Cisco 3745 Multiservice Access Router	
1	3700 Access Concentrator: 2x NM-30DM, IP IOS, P/N: AS3745-E1-60
1	AC Power Supply for the Cisco 3745, P/N: PWR-3745-AC
1	Power Cord, P/N: CAB-ACI
1	Cisco 3745 Ser IOS IP, P/N: S374C-12305
1	32 to 64MB Cisco 3700 Compact Flash Factory, P/N: MEM3745-32U64CF
1	2-Port Channelized E1/T1/ISDN-PRI Network, P/N: NM-2CE1T1-PR1
1	Modem management technology license for 3600/3700, P/N: MMTL-3600-24
1	24 Port Digital Modem Network Module, P/N: NM-24DM
1	SMARTNET 8x5xNBD 3700 Access Concent, P/N: CON-SNT-AS3745E60

SOUDA BAY ITSC HARDWARE BILL OF MATERIALS (BOM)
ATTACHMENT O
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SOUDA BAY SIPR Server Farm

<u>Qty</u>	<u>Description</u>
1	PE2650 – Backup (BE/Altiris) Servers (2) 2.4GHz 533MHz Processors 2GB DDR SDRAM (2x1GB DIMMs) 5 Bay Backplane (1x5) (2) 18GB 15K RPM Hard Drives PERC3/Di w 128MB Cache (internal drives) (2) Intel Pro 1000F NICS Windows Server 2003 - Standard Edition Rapid Rails for Dell Rack Redundant Power Supplies
1	PE2650 - Tivoli Servers (2) 2.4GHz 533MHz Processors 1GB DDR SDRAM (2x512MB DIMMs) 5 Bay Backplane (1X5) (2) 18GB 15K RPM Hard Drives PERC3/Di w 128MB Cache (internal drives) (2) Intel Pro 1000F NICs Windows Server 2003 - Standard Edition Rapid Rails for Dell Rack Redundant Power Supplies

SOU DA BAY SIPR SF, continued

<u>Qty</u>	<u>Description</u>
1	<p>PE2650 – File Servers</p> <p>(2) 2.4GHz 533MHz Processors</p> <p>1GB DDR SDRAM (2x512MB DIMMs)</p> <p>5 Bay Backplane (1x5)</p> <p>(2) 18GB 15K RPM Hard Drives</p> <p>PERC3/Di w 128MB Cache (internal drives)</p> <p>PERC4/DC w 128MB Cache, 2 External channels (external drives)</p> <p>(2) Intel Pro 1000F NICs</p> <p>Windows Server 2003 - Standard Edition</p> <p>Rapid Rails for Dell Rack</p> <p>Redundant Power Supplies</p>
1	<p>PE2650 – Print Servers</p> <p>(2) 2.4GHz 533MHz Processors</p> <p>1GB DDR SDRAM (2x512MB DIMMs)</p> <p>5 Bay Backplane (1x5)</p> <p>(2) 18GB 15K RPM Hard Drives</p> <p>PERC3/Di w 128MB Cache (internal drives)</p> <p>(2) Intel Pro 1000F NICs</p> <p>Windows Server 2003 - Standard Edition</p> <p>Rapid Rails for Dell Rack</p> <p>Redundant Power Supplies</p>

SOUDA BAY SIPR SF, continued

<u>Qty</u>	<u>Description</u>
1	<p>PE2650 – Proxy/Cache Servers</p> <p>(2) 2.4GHz 533MHz Processors</p> <p>2GB DDR SDRAM (2x512MB DIMMs)</p> <p>5 Bay Split Backplane (2+3)</p> <p>(2) 18GB 15K RPM Hard Drives</p> <p>(3) 36GB 15K RPM Hard Drives</p> <p>PERC3/Di w 128MB Cache (internal drives)</p> <p>(2) Intel Pro 1000F NICs</p> <p>Windows Server 2003 - Enterprise Edition</p> <p>Rapid Rails for Dell Rack</p> <p>Redundant Power Supplies</p>
1	<p>PE2650 – Intranet Web Servers</p> <p>(2) 2.4GHz 533MHz Processors</p> <p>1GB DDR SDRAM (2x512MB DIMMs)</p> <p>5 Bay Split Backplane (2+3)</p> <p>(2) 18GB 15K RPM Hard Drives</p> <p>(3) 36GB 10K RPM Hard Drives</p> <p>PERC3/Di w 128MB Cache (internal drives)</p> <p>(2) Intel Pro 1000F NICs</p> <p>Windows Server 2003 - Enterprise Edition</p> <p>Rapid Rails for Dell Rack</p> <p>Redundant Power Supplies</p>

SOUDA BAY SIPR SF, continued

<u>Qty</u>	<u>Description</u>
1	PV220A JBOD – File Storage Locking Bezel (3) 146GB 10K RPM Hard Drives Single U320 Enclosure Management Module Rapid Rails for Dell Rack Redundant Power Supplies (2) 1 Meter, 68-pin PERC/39160 Cables
4	1GB DDR DIMMs for PE2650 – Exchange Servers
8	73GB U320 15K RPM Hard Drives for PV220S – Exchange Storage
1	PV132T Rackmount Autoloader (LTO-2) (1) LTO-2 Drives (200/400GB) (24) Tape Slots U160 SCSI Controller Card (200) LTO Media Labels
1	(10) Pack of LTO-2 Tape Media
1	Dell Cus, 1U Rack Console, KMM, 15 RPD-RAIL, SKU: 310-4227
1	Dell 16 Port KVM SwitchBox, SKU: 310-0972
16	Dell 12' Cable, 16 Port, SWTCH BOX, KVM, CUST, SKU: 310-0978
1	4210 42U Dell Cabinet 42U Rack, PS, Side Panels, Customer Install 42U Rack, Interconnect Kit PS to PS, Customer Install
2	3550-12G 10Port GBIC and 2 Port 10/100/TX, P/N: WS-C3550-12G +CAB-ACE
22	Cisco 1000Base SX MM GBIC P/N: WS-G5484

SOUDA BAY ITSC HARDWARE BILL OF MATERIALS (BOM)
ATTACHMENT O
N68939-97-D-0041/NS58-04

SOUDA BAY SIPR IA

<u>Qty</u>	<u>Description</u>
1	PE1750 – SysLog Server (2) 2.4GHz Processors 1GB DDR SDRAM (2x512MB DIMMs) (3) 73GB 10K RPM Hard Drives PERC4/Di w 128MB Cache (internal drives) Win2k3 Server with 5 CALs Rapid Rails for Dell Rack Redundant Power Supplies
1	PE1750 –Log Storage/Backup Server (2) 2.4GHz Processors 1GB DDR SDRAM (2x512MB DIMMs) (3) 146GB 10K RPM Hard Drives PERC4/Di w 128MB Cache (internal drives) Win2k3 Server with 5 CALs Rapid Rails for Dell Rack Redundant Power Supplies
8	(10) Pack of LTO-1 Tape Media

SOUDA BAY ITSC SOFTWARE BILL OF MATERIALS (BOM)
ATTACHMENT P
N68939-97-D-0041/NS58-04

SOUDA BAY NIPR Server Farm (SF):

<u>Qty</u>	<u>Description</u>
1	Veritas BackupExec for Windows Server v9.0
0	Veritas BackupExec for Windows Library Expansion Module
1	Veritas BackupExec Admin Plus Pack
4	Veritas BackupExec for Windows Open File Option
1	Veritas StorageCentral SRM
0	Veritas NetBackup Bare Metal Restore Option for Solaris (2 CPU)
10	Altiris Deployment Solution Licenses
0	IBM Tivoli Monitor (per processor)
0	IBM Tivoli Remote Control (per processor)
0	IBM Tivoli Configuration Manager (per processor)
0	IBM Tivoli Enterprise Console (per processor)
0	Tivoli Netview
0	Oracle Server License
0	Oracle Product Support - 1Yr
0	IBM Tivoli Configuration Manager CALs
0	IBM Tivoli Remote Control CALs
4	Symantec Enterprise Security Manager - Server Agent
4	Symantec Enterprise Security Manager - Additional CPUs
4	Symantec Intruder Alert - Server Agent

SOUDA BAY NIPR Server Farm (SF), continued

<u>Qty</u>	<u>Description</u>
4	Symantec Intruder Alert - Additional CPUs
0	Microsoft Identity Integration Server 2003 – Enterprise Edition (Per CPU)
0	Microsoft SQL Server 2000 – Enterprise Edition (Per CPU)
778	Microsoft Windows Server 2003 CALs
778	Microsoft Exchange Server 2003 CALs
0	Remedy Help Desk (English) APP NT
0	Remedy Help Desk Fixed LSN 5-Pk
0	Remedy Help Desk Floating LSN 5-Pk
0	Remedy Asset Management (English) APP NT
0	Remedy Asset Management Fixed LSN 5-Pk
0	Remedy Asset Management Floating LSN 5-Pk
0	Remedy Change Management (English) APP NT
0	Remedy Change Management Fixed LSN 5-Pk
0	Remedy Change Management Floating LSN 5-Pk
0	Remedy SLA (English) APP w 5 Users NT
0	Remedy Distributed Server Option (DSO)
0	Remedy Express Plus Maintenance
0	Remedy AR System Fixed LSN 5-Pk
0	Remedy Migrator 5.1

SOUDA BAY NIPR Server Farm (SF), continued

<u>Qty</u>	<u>Description</u>
0	Remedy AR System Server All Platforms
0	Remedy AR System Floating Write LSN 5-Pk
0	CiscoWorks 2000 Routed WAN Management
0	CiscoWorks 2000 Maintenance
0	CiscoWorks 2000 Device Fault Management
0	CiscoWorks 2000 Device Fault Management Maintenance

SOUDA BAY ITSC SOFTWARE BILL OF MATERIALS (BOM)
ATTACHMENT P
N68939-97-D-0041/NS58-04

SOUDA BAY NIPR Information Assurance

<u>Qty</u>	<u>Description</u>
0	Veritas BackupExec for Windows Server v9.0
1	Veritas BackupExec Admin Plus Pack
2	Veritas BackupExec for Windows Open File Option
6	Altiris Deployment Solution Licenses
2	Symantec Enterprise Security Manager - Server Agent
2	Symantec Enterprise Security Manager - Additional CPUs
2	Symantec Intruder Alert - Server Agent
2	Symantec Intruder Alert - Additional CPUs
0	Microsoft ISA Enterprise Edition (Per CPU)

SOUDA BAY ITSC SOFTWARE BILL OF MATERIALS (BOM)
ATTACHMENT P
N68939-97-D-0041/NS58-04

SOUDA BAY SIPR Server Farm

<u>Qty</u>	<u>Description</u>
1	Veritas BackupExec for Windows Server v9.0
0	Veritas BackupExec for Windows Library Expansion Module
6	Veritas BackupExec for Windows Open File Option
1	Veritas BackupExec Admin Plus Pack
1	Veritas StorageCentral SRM
0	Veritas NetBackup Bare Metal Restore Option for Solaris (2 CPU)
10	Altiris Deployment Solution Licenses
0	IBM Tivoli Monitor (per processor)
0	IBM Tivoli Remote Control (per processor)
0	IBM Tivoli Configuration Manager (per processor)
0	IBM Tivoli Enterprise Console (per processor)
0	Tivoli Netview
0	Oracle Server License
0	Oracle Product Support - 1Yr
0	IBM Tivoli Configuration Manager CALs
0	IBM Tivoli Remote Control CALs
6	Symantec Enterprise Security Manager - Server Agent
6	Symantec Enterprise Security Manager - Additional CPUs

SOUDA BAY SIPR Server Farm, continued

<u>Qty</u>	<u>Description</u>
6	Symantec Intruder Alert - Server Agent
6	Symantec Intruder Alert - Additional CPUs
0	Microsoft Identity Integration Server 2003 – Enterprise Edition (Per CPU)
0	Microsoft SQL Server 2000 – Standard Edition
56	Microsoft Windows Server 2003 CALs
56	Microsoft Exchange Server 2003 CALs
0	Remedy Help Desk (English) APP NT
0	Remedy Help Desk Fixed LSN 5-Pk
0	Remedy Help Desk Floating LSN 5-Pk
0	Remedy Asset Management (English) APP NT
0	Remedy Asset Management Fixed LSN 5-Pk
0	Remedy Asset Management Floating LSN 5-Pk
0	Remedy Change Management (English) APP NT
0	Remedy Change Management Fixed LSN 5-Pk
0	Remedy Change Management Floating LSN 5-Pk
0	Remedy SLA (English) APP w 5 Users NT
0	Remedy Distributed Server Option (DSO)
0	Remedy Express Plus Maintenance
0	Remedy AR System Fixed LSN 5-Pk

SOUDA BAY SIPR Server Farm, continued

<u>Qty</u>	<u>Description</u>
0	Remedy Migrator 5.1
0	Remedy AR System Server All Platforms
0	Remedy AR System Floating Write LSN 5-Pk
0	CiscoWorks 2000 Routed WAN Management
0	CiscoWorks 2000 Maintenance
0	CiscoWorks 2000 Device Fault Management
0	CiscoWorks 2000 Device Fault Management Maintenance
0	Microsoft Windows Server 2003 Standard License w 5 CALs

SOUDA BAY ITSC SOFTWARE BILL OF MATERIALS (BOM)
ATTACHMENT P
N68939-97-D-0041/NS58-04

SOUDA BAY SIPR Information Assurance

<u>Qty</u>	<u>Description</u>
0	Veritas BackupExec for Windows Server v9.0
1	Veritas BackupExec Admin Plus Pack
2	Veritas BackupExec for Windows Open File Option
6	Altiris Deployment Solution Licenses
2	Symantec Enterprise Security Manager - Server Agent
2	Symantec Enterprise Security Manager - Additional CPUs
2	Symantec Intruder Alert - Server Agent
2	Symantec Intruder Alert - Additional CPUs
0	Microsoft ISA Enterprise Edition (Per CPU)

GUAM ITSC HARDWARE BILL OF MATERIALS (BOM)
ATTACHMENT Q
N68939-97-D-0041/NS58-04

GUAM NIPR Server Farm

<u>Qty</u>	<u>Description</u>
3	PE2650 - Files Servers (2) 2.4GHz 533MHz Processors 1GB DDR SDRAM (2x512MB DIMMs) 5 Bay Backplane (1x5) (2) 18GB 15K RPM Hard Drives PERC3/Di w 128MB Cache (internal drives) PERC4/DC w 128MB Cache, 2 External channels (external drives) Windows Server 2003 - Standard Edition Rapid Rails for Dell Rack Redundant Power Supplies
3	PE2650 – Print Servers (2) 2.4GHz 533MHz Processors 1GB DDR SDRAM (2x512MB DIMMs) 5 Bay Backplane (1x5) (2) 18GB 15K RPM Hard Drives PERC3/Di w 128MB Cache (internal drives) Windows Server 2003 - Standard Edition Rapid Rails for Dell Rack Redundant Power Supplies
2	PE2650 – Bridgehead Servers (2) 2.4GHz 533MHz Processors 1GB DDR SDRAM (2x512MB DIMMs)

GUAM NIPR SF, continued

<u>Qty</u>	<u>Description</u>
	5 Bay Split Backplane (2+3)
	(2) 18GB 15K RPM Hard Drives
	(2) 18GB 10K RPM Hard Drives
	PERC3/Di w 128MB Cache (internal drives)
	Windows Server 2003 - Standard Edition
	Rapid Rails for Dell Rack
	Redundant Power Supplies
6	1GB DDR DIMMs for PE2650 – Exchange Servers
39	146GB U320 10K RPM Hard Drives for PV220S – File Storage
17	73GB U320 15K RPM Hard Drives for PV220S – Exchange Storage
1	PV132T Rackmount Library (LTO-2)
	(4) LTO-2 Drives (200/400GB)
	(54) Tape Slots
	(12) Tape Mailbox
	U160 SCSI Controller Card
	Redundant Power Supply
	(400) LTO Media Labels
38	(10) Pack of LTO-2 Tape Media
1	4210 42U Dell Cabinet
	42U Rack, PS, Side Panels, Customer Install
	42U Rack, Interconnect Kit PS to PS, Customer Install
2	Cisco Catalyst 4006 24 Port 10/100/1000 cat5 RJ-45 card, P/N: WS-X4424-GB-RJ45
1	Dell CUS, 1U Rack Console, KMM, 15, RPD-RAIL, SKU: 310-4227
1	Dell 16 Port KVM Switchbox, SKU: 310-0972

GUAM NIPR SF, continued

<u>Qty</u>	<u>Description</u>
16	Dell 12' Cable, 16 Port, Swth Box, KVM, Cust, SKU: 310-0978

GUAM ITSC HARDWARE BILL OF MATERIALS (BOM)
ATTACHMENT Q
N68939-97-D-0041/NS58-04

GUAM NIPR IA

<u>Qty</u>	<u>Description</u>
1	PE1750 – SysLog Server (2) 2.4GHz Processors 1GB DDR SDRAM (2x512MB DIMMs) (3) 73GB 10K RPM Hard Drives PERC4/Di w 128MB Cache (internal drives) Win2k3 Server with 5 CALs Rapid Rails for Dell Rack Redundant Power Supplies
1	PE1750 –Log Storage/Backup Server (2) 2.4GHz Processors 1GB DDR SDRAM (2x512MB DIMMs) (3) 146GB 10K RPM Hard Drives PERC4/Di w 128MB Cache (internal drives) Win2k3 Server with 5 CALs Rapid Rails for Dell Rack Redundant Power Supplies
16	10) Pack of LTO-1 Tape Media
1	Dell CUS, 1U Rack Console, KMM, 15, RPD-RAIL, SKU: 310-4227
1	Dell 8 Port KVM Switchbox, SKU: 310-0968
8	Dell 12' Cable, 8 Port, Swth Box, KVM, Cust, SKU: 310-0970
2	24 Port Digital Modem Network Module for ComServer Cisco 3745, P/N: NM-24DM
2	Modem Management Technology License for 3600/3700, P/N: MMTL-3600-24

GUAM ITSC HARDWARE BILL OF MATERIALS (BOM)
ATTACHMENT Q
N68939-97-D-0041/NS58-04

GUAM SIPR Server Farm

<u>Qty</u>	<u>Description</u>
1	PE2650 - Files Servers (2) 2.4GHz 533MHz Processors 1GB DDR SDRAM (2x512MB DIMMs) 5 Bay Backplane (1x5) (2) 18GB 15K RPM Hard Drives PERC3/Di w 128MB Cache (internal drives) PERC4/DC w 128MB Cache, 2 External channels (external drives) (2) Intel Pro 1000F NICs Windows Server 2003 - Standard Edition Rapid Rails for Dell Rack Redundant Power Supplies
2	PE2650 – Bridgehead Servers (2) 2.4GHz 533MHz Processors 1GB DDR SDRAM (2x512MB DIMMs) 5 Bay Backplane (2+3) (2) 18GB 15K RPM Hard Drives (2) 18GB 15K RPM Hard Drives PERC3/Di w 128MB Cache (internal drives) (2) Intel Pro 1000F NICs

GUAM SIPR SF, continued

<u>Qty</u>	<u>Description</u>
	Windows Server 2003 - Standard Edition
	Rapid Rails for Dell Rack
	Redundant Power Supplies
1	PE2650 – Proxy/Cache Servers
	(2) 2.4GHz 533MHz Processors
	1GB DDR SDRAM (2x512MB DIMMs)
	5 Bay Backplane 1x5)
	(2) 18GB 15K RPM Hard Drives
	PERC3/Di w 128MB Cache (internal drives)
	(2) Intel Pro 1000F NICs
	Windows Server 2003 - Enterprise Edition
	Rapid Rails for Dell Rack
	Redundant Power Supplies
1	PE2650 – Intranet Web Servers
	(2) 2.4GHz 533MHz Processors
	1GB DDR SDRAM (2x512MB DIMMs)
	5 Bay Backplane (1x5)
	(2) 18GB 15K RPM Hard Drives
	PERC3/Di w 128MB Cache (internal drives)
	(2) Intel Pro 1000F NICs
	Windows Server 2003 - Enterprise Edition
	Rapid Rails for Dell Rack
	Redundant Power Supplies
4	1GB DDR DIMMs for PE2650 – Exchange Servers

GUAM SIPR SF, continued

<u>Qty</u>	<u>Description</u>
6	146GB U320 10K RPM Hard Drives for PV220S – File Storage
8	73GB U320 15K RPM Hard Drives for PV220S – Exchange Storage
1	PV132T Rackmount Autoloader (LTO-2)
	(1)LTO-2 Drives (200/400GB)
	(24) Tape Slots
	U160 SCSI Controller Card
	(200) LTO Media Labels
5	(10) Pack of LTO-2 Tape Media
1	Dell Cus, 1U Rack Console, KMM, 15 RPD-RAIL, SKU: 310-4227
1	Dell 8 Port KVM SwitchBox, SKU: 310-0968
8	Dell 12' Cable, 8 Port, SWTCH BOX, KVM, CUST, SKU: 310-0970
2	Cisco Catalyst 3500-12G 10 Port GBIC and 2 Port 10/100/1000TX
20	Cisco 1000Base SX Short Wavelength GBIC 9WS-G5486)
1	4210 42U Dell Cabinet
	42U Rack, PS, Side Panels, Customer Install
	42U Rack, Interconnect Kit PS to PS, Customer Install
6	Intel Pro 1000MF Fiber Gigabit Network Adapter, SKU: 420-04029

GUAM ITSC HARDWARE BILL OF MATERIALS (BOM)
ATTACHMENT Q
N68939-97-D-0041/NS58-04

GUAM SIPR IA

<u>Qty</u>	<u>Description</u>
1	PE1750 – SysLog Server (2) 2.4GHz Processors 1GB DDR SDRAM (2x512MB DIMMs) (3) 73GB 10K RPM Hard Drives PERC4/Di w 128MB Cache (internal drives) Win2k3 Server with 5 CALs Rapid Rails for Dell Rack Redundant Power Supplies
1	PE1750 –Log Storage/Backup Server (2) 2.4GHz Processors 1GB DDR SDRAM (2x512MB DIMMs) (3) 146GB 10K RPM Hard Drives PERC4/Di w 128MB Cache (internal drives) Win2k3 Server with 5 CALs Rapid Rails for Dell Rack Redundant Power Supplies
16	10) Pack of LTO-1 Tape Media

GUAM ITSC SOFTWARE BILL OF MATERIALS (BOM)
ATTACHMENT R
N68939-97-D-0041/NS58-04

GUAM NIPR Server Farm (SF):

<u>Qty</u>	<u>Description</u>
1	Veritas BackupExec for Windows Server v9.0
3	Veritas BackupExec for Windows Library Expansion Module
1	Veritas BackupExec Admin Plus Pack
3	Veritas BackupExec for Windows Open File Option
3	Veritas StorageCentral SRM
1	Veritas NetBackup Bare Metal Restore Option for Solaris (2 CPU)
21	Altiris Deployment Solution Licenses
0	IBM Tivoli Monitor (per processor)
0	IBM Tivoli Remote Control (per processor)
0	IBM Tivoli Configuration Manager (per processor)
0	IBM Tivoli Enterprise Console (per processor)
0	Tivoli Netview
0	Oracle Server License
0	Oracle Product Support - 1Yr
0	IBM Tivoli Configuration Manager CALs
0	IBM Tivoli Remote Control CALs
3	Symantec Enterprise Security Manager - Server Agent
3	Symantec Enterprise Security Manager - Additional CPUs
3	Symantec Intruder Alert - Server Agent

GUAM NIPR Server Farm (SF), continued

<u>Qty</u>	<u>Description</u>
3	Symantec Intruder Alert - Additional CPUs
0	Microsoft Identity Integration Server 2003 – Enterprise Edition (Per CPU)
0	Microsoft SQL Server 2000 – Enterprise Edition (Per CPU)
3586	Microsoft Windows Server 2003 CALs
3586	Microsoft Exchange Server 2003 CALs
0	Remedy Help Desk (English) APP NT
0	Remedy Help Desk Fixed LSN 5-Pk
0	Remedy Help Desk Floating LSN 5-Pk
0	Remedy Asset Management (English) APP NT
0	Remedy Asset Management Fixed LSN 5-Pk
0	Remedy Asset Management Floating LSN 5-Pk
0	Remedy Change Management (English) APP NT
0	Remedy Change Management Fixed LSN 5-Pk
0	Remedy Change Management Floating LSN 5-Pk
0	Remedy SLA (English) APP w 5 Users NT
0	Remedy Distributed Server Option (DSO)
0	Remedy Express Plus Maintenance
0	Remedy AR System Fixed LSN 5-Pk
0	Remedy Migrator 5.1
0	Remedy AR System Server All Platforms

GUAM NIPR Server Farm (SF), continued

<u>Qty</u>	<u>Description</u>
0	Remedy AR System Floating Write LSN 5-Pk
0	CiscoWorks 2000 Routed WAN Management
0	CiscoWorks 2000 Maintenance
0	CiscoWorks 2000 Device Fault Management
0	CiscoWorks 2000 Device Fault Management Maintenance

GUAM ITSC SOFTWARE BILL OF MATERIALS (BOM)
ATTACHMENT R
N68939-97-D-0041/NS58-04

GUAM NIPR Information Assurance

<u>Qty</u>	<u>Description</u>
0	Veritas BackupExec for Windows Server v9.0
1	Veritas BackupExec Admin Plus Pack
2	Veritas BackupExec for Windows Open File Option
6	Altiris Deployment Solution Licenses
2	Symantec Enterprise Security Manager - Server Agent
2	Symantec Enterprise Security Manager - Additional CPUs
2	Symantec Intruder Alert - Server Agent
2	Symantec Intruder Alert - Additional CPUs
0	Microsoft ISA Enterprise Edition (Per CPU)

GUAM ITSC SOFTWARE BILL OF MATERIALS (BOM)
ATTACHMENT R
N68939-97-D-0041/NS58-04

GUAM SIPR Server Farm

<u>Qty</u>	<u>Description</u>
1	Veritas BackupExec for Windows Server v9.0
0	Veritas BackupExec for Windows Library Expansion Module
8	Veritas BackupExec for Windows Open File Option
1	Veritas BackupExec Admin Plus Pack
1	Veritas StorageCentral SRM
0	Veritas NetBackup Bare Metal Restore Option for Solaris (2 CPU)
12	Altiris Deployment Solution Licenses
0	IBM Tivoli Monitor (per processor)
0	IBM Tivoli Remote Control (per processor)
0	IBM Tivoli Configuration Manager (per processor)
0	IBM Tivoli Enterprise Console (per processor)
0	Tivoli Netview
0	Oracle Server License
0	Oracle Product Support - 1Yr
0	IBM Tivoli Configuration Manager CALs
0	IBM Tivoli Remote Control CALs
8	Symantec Enterprise Security Manager - Server Agent
8	Symantec Enterprise Security Manager - Additional CPUs

GUAM SIPR Server Farm, continued

<u>Qty</u>	<u>Description</u>
8	Symantec Intruder Alert - Server Agent
8	Symantec Intruder Alert - Additional CPUs
0	Microsoft Identity Integration Server 2003 – Enterprise Edition (Per CPU)
0	Microsoft SQL Server 2000 – Standard Edition
252	Microsoft Windows Server 2003 CALs
252	Microsoft Exchange Server 2003 CALs
0	Remedy Help Desk (English) APP NT
0	Remedy Help Desk Fixed LSN 5-Pk
0	Remedy Help Desk Floating LSN 5-Pk
0	Remedy Asset Management (English) APP NT
0	Remedy Asset Management Fixed LSN 5-Pk
0	Remedy Asset Management Floating LSN 5-Pk
0	Remedy Change Management (English) APP NT
0	Remedy Change Management Fixed LSN 5-Pk
0	Remedy Change Management Floating LSN 5-Pk
0	Remedy SLA (English) APP w 5 Users NT
0	Remedy Distributed Server Option (DSO)
0	Remedy Express Plus Maintenance
0	Remedy AR System Fixed LSN 5-Pk

GUAM SIPR Server Farm, continued

<u>Qty</u>	<u>Description</u>
0	Remedy Migrator 5.1
0	Remedy AR System Server All Platforms
0	Remedy AR System Floating Write LSN 5-Pk
0	CiscoWorks 2000 Routed WAN Management
0	CiscoWorks 2000 Maintenance
0	CiscoWorks 2000 Device Fault Management
0	CiscoWorks 2000 Device Fault Management Maintenance
1	Microsoft Windows Server 2003 Standard License w 5 CALs

GUAM ITSC SOFTWARE BILL OF MATERIALS (BOM)
ATTACHMENT R
N68939-97-D-0041/NS58-04

GUAM SIPR Information Assurance

<u>Qty</u>	<u>Description</u>
0	Veritas BackupExec for Windows Server v9.0
1	Veritas BackupExec Admin Plus Pack
2	Veritas BackupExec for Windows Open File Option
5	Altiris Deployment Solution Licenses
2	Symantec Enterprise Security Manager - Server Agent
2	Symantec Enterprise Security Manager - Additional CPUs
2	Symantec Intruder Alert - Server Agent
2	Symantec Intruder Alert - Additional CPUs
0	Microsoft ISA Enterprise Edition (Per CPU)

SASEBO ITSC HARDWARE BILL OF MATERIALS (BOM)
ATTACHMENT S
N68939-97-D-0041/NS58-04

SASEBO NIPR Server Farm

<u>Qty</u>	<u>Description</u>
2	PE2650 – Print Servers (2) 2.4GHz 533MHz Processors 1GB DDR SDRAM (2x512MB DIMMs) 5 Bay Backplane (1x5) (2) 18GB 15K RPM Hard Drives PERC3/Di w 128MB Cache (internal drives) Windows Server 2003 - Standard Edition Rapid Rails for Dell Rack Redundant Power Supplies
1	PE2650 - Tivoli Gateway (2) 2.4GHz 533MHz Processors 1GB DDR SDRAM (2x512MB DIMMs) 5 Bay Backplane (1x5) (2) 18GB 15K RPM Hard Drives PERC3/Di w 128MB Cache (internal drives) Windows Server 2003 - Standard Edition Rapid Rails for Dell Rack Redundant Power Supplies
4	1GB DDR DIMMs for PE2650 – Exchange Servers
12	73GB U320 15K RPM Hard Drives for PV220S – Exchange Storage
24	146GB Hard Drives for PV220S – File (SSC/JB)
1	PV132T Rackmount Autoloader (LTO-2)

SASEBO NIPR SF, continued

<u>Qty</u>	<u>Description</u>
	(1) LTO-2 Drives (200/400GB)
	(24) Tape Slots
	U160 SCSI Controller Card
	(200) LTO Media Labels
24	(10) Pack of LTO-2 Tape Media
1	Dell CUS, 1U Rack Console, KMM, 15, RPD-RAIL, SKU: 310-4227
1	Dell 8 Port KVM Switchbox, SKU: 310-0968
8	Dell 12' Cable, 8 Port, Swth Box, KVM, Cust, SKU: 310-0970
1	4210 42U Dell Cabinet
	42U Rack, PS, Side Panels, Customer Install
	42U Rack, Interconnect Kit PS to PS, Customer Install

SASEBO ITSC HARDWARE BILL OF MATERIALS (BOM)
ATTACHMENT S
N68939-97-D-0041/NS58-04

SASEBO NIPR IA

<u>Qty</u>	<u>Description</u>
1	PE1750 – SysLog Server (2) 2.4GHz Processors 1GB DDR SDRAM (2x512MB DIMMs) (3) 73GB 10K RPM Hard Drives PERC4/Di w 128MB Cache (internal drives) Win2k3 Server with 5 CALs Rapid Rails for Dell Rack Redundant Power Supplies
1	PE1750 –Log Storage/Backup Server (2) 2.4GHz Processors 1GB DDR SDRAM (2x512MB DIMMs) (3) 146GB 10K RPM Hard Drives PERC4/Di w 128MB Cache (internal drives) Win2k3 Server with 5 CALs Rapid Rails for Dell Rack Redundant Power Supplies
8	(10) Pack of LTO-1 Tape Media
1	Dell CUS, 1U Rack Console, KMM, 15, RPD-RAIL, SKU: 310-4227
1	Dell 8 Port KVM Switchbox, SKU: 310-0968
8	Dell 12' Cable, 8 Port, Swth Box, KVM, Cust, SKU: 310-0970
2	NM-24DM, 24 Port Digital Modem Network Module for Cisco 3745
2	MMTL-3600-24 Modem Management Technology License for 3600/3700

SASEBO ITSC HARDWARE BILL OF MATERIALS (BOM)
ATTACHMENT S
N68939-97-D-0041/NS58-04

SASEBO SIPR Server Farm

<u>Qty</u>	<u>Description</u>
1	PE2650 - Tivoli Servers (2) 2.4GHz 533MHz Processors 1GB DDR SDRAM (2x512MB DIMMs) 5 Bay Backplane (1X5) (2) 18GB 15K RPM Hard Drives PERC3/Di w 128MB Cache (internal drives) (2) Intel Pro 1000F NICs Windows Server 2003 - Standard Edition Rapid Rails for Dell Rack Redundant Power Supplies
1	PE2650 – Print Servers (2) 2.4GHz 533MHz Processors 1GB DDR SDRAM (2x512MB DIMMs) 5 Bay Backplane (1x5) (2) 18GB 15K RPM Hard Drives PERC3/Di w 128MB Cache (internal drives) (2) Intel Pro 1000F NICs Windows Server 2003 - Standard Edition Rapid Rails for Dell Rack Redundant Power Supplies
1	PE2650 - Files Servers (2) 2.4GHz 533MHz Processors

SASEBO SIPR SF, continued

Qty	Description
	1GB DDR SDRAM (2x512MB DIMMs)
	5 Bay Backplane (1x5)
	(2) 18GB 15K RPM Hard Drives
	PERC3/Di w 128MB Cache (internal drives)
	PERC4/DC w 128MB Cache, 2 External channels (external drives)
	(2) Intel Pro 1000F NICs
	Windows Server 2003 - Standard Edition
	Rapid Rails for Dell Rack
	Redundant Power Supplies
1	PE2650 – Proxy/Cache Servers
	(2) 2.4GHz 533MHz Processors
	2GB DDR SDRAM (2x1GB DIMMs)
	5 Bay Backplane (1x5)
	(2) 18GB 15K RPM Hard Drives
	PERC3/Di w 128MB Cache (internal drives)
	(2) Intel Pro 1000F NICs
	Windows Server 2003 - Enterprise Edition
	Rapid Rails for Dell Rack
	Redundant Power Supplies
1	PE2650 – Intranet Web Servers
	(2) 2.4GHz 533MHz Processors
	1GB DDR SDRAM (2x512MB DIMMs)
	5 Bay Backplane (1x5)

SASEBO SIPR SF, continued

<u>Qty</u>	<u>Description</u>
	(2) 18GB 15K RPM Hard Drives
	PERC3/Di w 128MB Cache (internal drives)
	(2) Intel Pro 1000F NICs
	Windows Server 2003 – Enterprise Edition
	Rapid Rails for Dell Rack
	Redundant Power Supplies
4	1GB DDR DIMMs for PE2650 – Exchange Servers
8	73GB U320 15K RPM Hard Drives for PV220S – File (SSC/JB)
4	146GB Hard Drives for PV220S – File (SSC/JB)
1	PV132T Rackmount Autoloader (LTO-2)
	(1) LTO-2 Drives (200/400GB)
	(24) Tape Slots
	U160 SCSI Controller Card
	(200) LTO Media Labels
1	(10) Pack of LTO-2 Tape Media
1	Dell Cus, 1U Rack Console, KMM, 15 RPD-RAIL, SKU: 310-4227
1	Dell 16 Port KVM SwitchBox, SKU: 310-0972
16	Dell 12' Cable, 16 Port, SWITCH BOX, KVM, CUST, SKU: 310-0978
1	4210 42U Dell Cabinet
	42U Rack, PS, Side Panels, Customer Install
	42U Rack, Interconnect Kit PS to PS, Customer Install
2	3550-12G 10Port GBIC and 2 Port 10/100/1000TX, P/N: WS-C3550-12G +CAB-ACE
20	Cisco 1000Base SX MM GBIC P/N: WS-G5484

SASEBO ITSC HARDWARE BILL OF MATERIALS (BOM)
ATTACHMENT S
N68939-97-D-0041/NS58-04

SASEBO SIPR IA

<u>Qty</u>	<u>Description</u>
1	PE1750 – SysLog Server (2) 2.4GHz Processors 1GB DDR SDRAM (2x512MB DIMMs) (3) 73GB 10K RPM Hard Drives PERC4/Di w 128MB Cache (internal drives) Win2k3 Server with 5 CALs Rapid Rails for Dell Rack Redundant Power Supplies
1	PE1750 –Log Storage/Backup Server (2) 2.4GHz Processors 1GB DDR SDRAM (2x512MB DIMMs) (3) 146GB 10K RPM Hard Drives PERC4/Di w 128MB Cache (internal drives) Win2k3 Server with 5 CALs Rapid Rails for Dell Rack Redundant Power Supplies
8	(10) Pack of LTO-1 Tape Media

SASEBO ITSC SOFTWARE BILL OF MATERIALS (BOM)
ATTACHMENT T
N68939-97-D-0041/NS58-04

SASEBO NIPR Server Farm (SF):

<u>Qty</u>	<u>Description</u>
1	Veritas BackupExec for Windows Server v9.0
0	Veritas BackupExec for Windows Library Expansion Module
1	Veritas BackupExec Admin Plus Pack
2	Veritas BackupExec for Windows Open File Option
2	Veritas StorageCentral SRM
0	Veritas NetBackup Bare Metal Restore Option for Solaris (2 CPU)
16	Altiris Deployment Solution Licenses
0	IBM Tivoli Monitor (per processor)
0	IBM Tivoli Remote Control (per processor)
0	IBM Tivoli Configuration Manager (per processor)
0	IBM Tivoli Enterprise Console (per processor)
0	Tivoli Netview
0	Oracle Server License
0	Oracle Product Support - 1Yr
0	IBM Tivoli Configuration Manager CALs
0	IBM Tivoli Remote Control CALs
2	Symantec Enterprise Security Manager - Server Agent
2	Symantec Enterprise Security Manager - Additional CPUs
2	Symantec Intruder Alert - Server Agent

SASEBO NIPR Server Farm (SF), continued

<u>Qty</u>	<u>Description</u>
2	Symantec Intruder Alert - Additional CPUs
0	Microsoft Identity Integration Server 2003 – Enterprise Edition (Per CPU)
0	Microsoft SQL Server 2000 – Enterprise Edition (Per CPU)
2187	Microsoft Windows Server 2003 CALs
2187	Microsoft Exchange Server 2003 CALs
0	Remedy Help Desk (English) APP NT
0	Remedy Help Desk Fixed LSN 5-Pk
0	Remedy Help Desk Floating LSN 5-Pk
0	Remedy Asset Management (English) APP NT
0	Remedy Asset Management Fixed LSN 5-Pk
0	Remedy Asset Management Floating LSN 5-Pk
0	Remedy Change Management (English) APP NT
0	Remedy Change Management Fixed LSN 5-Pk
0	Remedy Change Management Floating LSN 5-Pk
0	Remedy SLA (English) APP w 5 Users NT
0	Remedy Distributed Server Option (DSO)
0	Remedy Express Plus Maintenance
0	Remedy AR System Fixed LSN 5-Pk
0	Remedy Migrator 5.1
0	Remedy AR System Server All Platforms

SASEBO NIPR Server Farm (SF), continued

<u>Qty</u>	<u>Description</u>
0	Remedy AR System Floating Write LSN 5-Pk
0	CiscoWorks 2000 Routed WAN Management
0	CiscoWorks 2000 Maintenance
0	CiscoWorks 2000 Device Fault Management
0	CiscoWorks 2000 Device Fault Management Maintenance
2	Microsoft Windows Servers 2003 Standard License w 5 CALs

SASEBO ITSC SOFTWARE BILL OF MATERIALS (BOM)
ATTACHMENT T
N68939-97-D-0041/NS58-04

SASEBO NIPR Information Assurance

<u>Qty</u>	<u>Description</u>
0	Veritas BackupExec for Windows Server v9.0
1	Veritas BackupExec Admin Plus Pack
2	Veritas BackupExec for Windows Open File Option
6	Altiris Deployment Solution Licenses
2	Symantec Enterprise Security Manager - Server Agent
2	Symantec Enterprise Security Manager - Additional CPUs
2	Symantec Intruder Alert - Server Agent
2	Symantec Intruder Alert - Additional CPUs
0	Microsoft ISA Enterprise Edition (Per CPU)

**SASEBO ITSC SOFTWARE BILL OF MATERIALS (BOM)
ATTACHMENT T
N68939-97-D-0041/NS58-04**

SASEBO SIPR Server Farm

<u>Qty</u>	<u>Description</u>
1	Veritas BackupExec for Windows Server v9.0
0	Veritas BackupExec for Windows Library Expansion Module
6	Veritas BackupExec for Windows Open File Option
1	Veritas BackupExec Admin Plus Pack
1	Veritas StorageCentral SRM
0	Veritas NetBackup Bare Metal Restore Option for Solaris (2 CPU)
10	Altiris Deployment Solution Licenses
0	IBM Tivoli Monitor (per processor)
0	IBM Tivoli Remote Control (per processor)
0	IBM Tivoli Configuration Manager (per processor)
0	IBM Tivoli Enterprise Console (per processor)
0	Tivoli Netview
0	Oracle Server License
0	Oracle Product Support - 1Yr
0	IBM Tivoli Configuration Manager CALs
0	IBM Tivoli Remote Control CALs
6	Symantec Enterprise Security Manager - Server Agent
6	Symantec Enterprise Security Manager - Additional CPUs

SASEBO SIPR Server Farm, continued

<u>Qty</u>	<u>Description</u>
6	Symantec Intruder Alert - Server Agent
6	Symantec Intruder Alert - Additional CPUs
0	Microsoft Identity Integration Server 2003 – Enterprise Edition (Per CPU)
0	Microsoft SQL Server 2000 – Standard Edition
206	Microsoft Windows Server 2003 CALs
206	Microsofr Exchange Server 2003 CALs
0	Remedy Help Desk (English) APP NT
0	Remedy Help Desk Fixed LSN 5-Pk
0	Remedy Help Desk Floating LSN 5-Pk
0	Remedy Asset Management (English) APP NT
0	Remedy Asset Management Fixed LSN 5-Pk
0	Remedy Asset Management Floating LSN 5-Pk
0	Remedy Change Management (English) APP NT
0	Remedy Change Management Fixed LSN 5-Pk
0	Remedy Change Management Floating LSN 5-Pk
0	Remedy SLA (English) APP w 5 Users NT
0	Remedy Distributed Server Option (DSO)
0	Remedy Express Plus Maintenance
0	Remedy AR System Fixed LSN 5-Pk

SASEBO SIPR Server Farm, continued

<u>Qty</u>	<u>Description</u>
0	Remedy Migrator 5.1
0	Remedy AR System Server All Platforms
0	Remedy AR System Floating Write LSN 5-Pk
0	CiscoWorks 2000 Routed WAN Management
0	CiscoWorks 2000 Maintenance
0	CiscoWorks 2000 Device Fault Management
0	CiscoWorks 2000 Device Fault Management Maintenance
0	Microsoft Windows Server 2003 Standard License w 5 CALs

SASEBO ITSC SOFTWARE BILL OF MATERIALS (BOM)
ATTACHMENT T
N68939-97-D-0041/NS58-04

SASEBO SIPR Information Assurance

<u>Qty</u>	<u>Description</u>
0	Veritas BackupExec for Windows Server v9.0
1	Veritas BackupExec Admin Plus Pack
2	Veritas BackupExec for Windows Open File Option
6	Altiris Deployment Solution Licenses
2	Symantec Enterprise Security Manager - Server Agent
2	Symantec Enterprise Security Manager - Additional CPUs
2	Symantec Intruder Alert - Server Agent
2	Symantec Intruder Alert - Additional CPUs
0	Microsoft ISA Enterprise Edition (Per CPU)

FINANCIAL ACCOUNTING DATA SHEET - NAVY

1. CONTRACT NUMBER (Critical) N6893997D0041			2. SPIN (Critical)				3. MOD (Critical)				4. PR NUMBER 158			PAGE 1 OF 1		
5. CLIN/SLIN	6. LINE OF ACCOUNTING												7. AMOUNT (Critical)	NAVY INTERNAL USE ONLY REF DOC/ACRN	TAC CODE	
	A. ACRN (Crit)	B. APPN (Critical)	C. SUBHEAD (Crit)	D. OBJ CLA	E. PARM	F. RFM	G. SA	H. AAA (Crit)	I. TT	J. PAA	K. COST CODE					
											PROJ UNIT	MCC				&SUF
0011	BM	1741810	52D6	252	EA	165		068342	2D	000000	D6005	000	0000	\$20,000.00	N0003904AFN52D6	N83N
0012	BM	1741810	52D6	252	EA	165		068342	2D	000000	D6005	000	0000	\$679,286.60	N0003904AFN52D6	N83N
0013	BM	1741810	52D6	252	EA	165		068342	2D	000000	D6005	000	0000	\$823,161.08	N0003904AFN52D6	N83N
0014	BM	1741810	52D6	252	EA	165		068342	2D	000000	D6005	000	0000	\$20,000.00	N0003904AFN52D6	N83N
0015	BM	1741810	52D6	252	EA	165		068342	2D	000000	D6005	000	0000	\$477,324.49	N0003904AFN52D6	N83N
0016	BM	1741810	52D6	252	EA	165		068342	2D	000000	D6005	000	0000	\$197,278.40	N0003904AFN52D6	N83N
0017	BM	1741810	52D6	252	EA	165		068342	2D	000000	D6005	000	0000	\$20,000.00	N0003904AFN52D6	N83N
0018	BM	1741810	52D6	252	EA	165		068342	2D	000000	D6005	000	0000	\$382,751.04	N0003904AFN52D6	N83N
0019	BM	1741810	52D6	252	EA	165		068342	2D	000000	D6005	000	0000	\$196,610.22	N0003904AFN52D6	N83N
0020	BM	1741810	52D6	252	EA	165		068342	2D	000000	D6005	000	0000	\$20,000.00	N0003904AFN52D6	N83N
0021	BM	1741810	52D6	252	EA	165		068342	2D	000000	D6005	000	0000	\$474,095.45	N0003904AFN52D6	N83N
0022	BM	1741810	52D6	252	EA	165		068342	2D	000000	D6005	000	0000	\$677,102.57	N0003904AFN52D6	N83N
0023	BM	1741810	52D6	252	EA	165		068342	2D	000000	D6005	000	0000	\$20,000.00	N0003904AFN52D6	N83N
0024	BM	1741810	52D6	252	EA	165		068342	2D	000000	D6005	000	0000	\$425,831.31	N0003904AFN52D6	N83N
0025	BM	1741810	52D6	252	EA	165		068342	2D	000000	D6005	000	0000	\$421,399.05	N0003904AFN52D6	N83N
No changes to this Document are Authorized without prior consent of Authorizing Official below. OBLIGATIONS OF FUNDS ARE AUTHORIZED IN AMOUNTS SHOWN IN COLUMN 7 ABOVE														Page Total Cumulative Total	\$4,854,840.21 \$4,854,840.21	
PREPARED/AUTHORIZED BY: <i>mfungar</i> DATE: APR 15 2004										COMPTROLLER APPROVAL: Yvonne Carlson, Accounting Officer DATE: APR 15 2004 <i>L. Quose</i>						